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Brookline Public Library

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Brookline Town Clerk

18

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Accession No.


Cypress
Boylston
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Irving St.
High
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Juniper
Irving St.
Village
Walnut
School St.
Aspinwall Ave.
Alton Pl.
St. Paul's
Longwood
Prospect
Library
High School
Police Station
Town Hall
Harvard Sch.
Holden St.
Webster
Linden Place
Harrison Pl.
Perry St.
Toxteth St.
Francis St.
Aspinwall Ave.
Pearl St.
Moses Ave.
Ave.
Brookline
Sewall Ave.
Chatham
Dudley St.
Colchester
Harvard
St.
Beacon
Freeman St.
Essex
Monmouth St.
Monmouth Ch.
Longwood
Brookline Ave.
Boston & Albany R.R.
Brookline R.R.
Prospect
Monmouth St.
St. Mary's
Beacon
Boston & Albany R.R.
Ave.
CHARLES RIVER
Mystic Commissioners Line
LOCATION OF MAIN SEWER,
Brookline.
February 1878.
Scale, 400 feet to an inch.
Shedd & Sawyer,
Civil Engineers,
Boston and Providence.

TREASURER'S REPORT

OF THE

RECEIPTS AND EXPENDITURES

OF THE

TOWN OF BROOKLINE;

ALSO

REPORT OF THE AUDITORS,

AND REPORTS OF

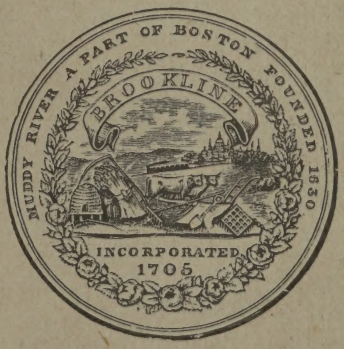
SELECTMEN; TRUSTEES OF WALNUT HILLS CEMETERY; COMMISSIONERS OF THE SINKING FUND; OVERSEERS OF POOR; WATER BOARD; TRUSTEES OF THE PUBLIC LIBRARY; AND BOARD OF SCHOOL COMMITTEE;

WITH

ASSESSORS' REPORT,

FOR THE YEAR ENDING FEB. 1, 1879.

1879-80



BROOKLINE CHRONICLE PRESS.
1879.

Gift of
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PUBLIC LIBRARY
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BROOKLINE

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WITH

ASSESSORS' REPORT,

FOR THE YEAR ENDING FEB. 1, 1879.



BROOKLINE CHRONICLE PRESS.
1879.

TREASURER'S REPORT.

RECEIPTS.

From balance in treasury at auditing accounts,		$50,345 62
New England Trust Co., borrowed in anticipation of taxes,	$50,000 00	
Less discount,	500 00	
		49,500 00
Richardson, Hill & Co., borrowed in anticipation of taxes,	$25,000 00	
Less discount,	187 50	
		24,812 50
Richardson, Hill & Co.,	$5,000 00	
Less discount,	200 00	
		4,800 00
Commonwealth of Mass., on account of Corporation taxes,		23,739 31
Commonwealth of Mass., on account of National Bank tax,		10,666 05
Amount carried forward,		$163,863 48

Amount brought forward,	$163,863 48
From Commonwealth of Mass., on account of State aid,	597 50
National Market Bank, interest on deposit,	954 42
Third National Bank, interest on deposit,	209 40
Margaret Crosby, one year's interest on note of T. Lennon, trustee,	105 80
C. D. Lincoln, Water Registrar, on account of Water Rates,	11,399 20
City of Boston, on account of Support of Poor,	208 50
Commonwealth of Mass., on account of Support of Poor,	5 00
W. Y. Gross, janitor, use of Town Hall by sundry persons,	825 00
Sundry persons for licenses,	2,400 00
C. C. Churchill, County Treasurer, on account of Dog Licenses,	545 14
George Brooks, Chairman of Finance Committee, for pupils attending school from other towns,	533 52
Charles H. Drew, Trial Justice, for fines imposed for violation of By-Laws,	57 00
Metropolitan R. R. Co., by M. Driscoll, taking up track in 1876,	98 37
City of Boston, use of engine, pumps, &c., 27 days,	216 00
James L. Little, jr., part of cost of laying Water Main, in Cottage street, as per agreement,	350 00
Holyhood Cemetery Corporation, sods from Heath street lot,	95 00
Amount carried forward,	$182,463 33

Amount brought forward,	$182 463 33
From David Mangan, rent of estate on Heath street,	56 00
Francis Mealey, use of stable lot for two years,	19 00
Francis H. Bacon, proceeds of Village hay scales, for 1878,	62 25
Wm. D. Coolidge, proceeds of Central hay scales, for 1878,	39 00
Benjamin Callender & Co., tape line returned,	7 50
Mass. General Hospital, 71 pair of sheets at 10 cts. per pair,	7 10
Edward Holleran, ashes,	2 88
Kenrick Brothers, entering sewer,	63 75
J. F. Cantwell, " "	50 00
George E. Everett, license to sell as auctioneer,	2 00
George W. Bird, digging trench on Washington street, to connect with sewer,	17 58
W. Y. Gross, elm chopping-block,	25
Uncollected taxes for 1874,	2 00
" " " 1875,	112 92
Interest on same,	31 34
Uncollected taxes for 1876,	4,551 88
Interest on same,	725 52
Uncollected taxes for 1877,	9,878 50
Interest on same,	827 53
Taxes for 1878,	261,015 40
Interest on same,	208 11
Total amount received,	$460,143 84
Less borrowed in anticipation of taxes,	75,000 00
	$385,143 84

EXPENDITURES.

EDUCATION.

Appropriation,	$35,500 00	
From Interest on Edward Devotion School Fund,	114 00	
Pupils from out of town,	533 52	
	$36,147 52	

HIGH SCHOOL.

Paid J. Emory Hoar, Principal,	$2,680 00	
Frederick Lawton, Assistant,	560 00	
Nathan H. Harriman, "	600 00	
Abby W. Deane, "	1,000 00	
Bessie P. Kirby, "	405 00	
Minnie M. Leighton, "	405 00	
Mary L. Edgerly, "	325 00	
L. E. Newcomb, Janitor,	136 00	
Cousens Brothers, coal,	97 60	
Joel Tiffany, charcoal,	7 00	
		$6,215 60
Amount carried forward,		$6,215 60

Amount brought forward,		$6,215 60

PIERCE GRAMMAR SCHOOL.

Paid D. H Daniels, Principal,	$2,048 00	
Etta D. Paul, Assistant,	647 50	
Emma S. Beede, "	436 85	
Mary M. Hammond, "	335 00	
Alice W. Peaslee, "	335 00	
M. P. Frye, "	647 50	
Frederika Swanton, "	312 50	
C. P. Manning, "	275 00	
Lizzie P. Mitchell, "	220 00	
L. E. Newcomb, Janitor,	136 00	
Cousens Brothers, coal,	146 40	
Joel Tiffany, charcoal,	7 00	
		5,546 75

PIERCE PRIMARY SCHOOL.

Paid M. E. Malone,	$647 50	
Harriet F. Woods,	647 50	
Lillie Seaman,	290 00	
Annie B. Carroll,	275 00	
Terrence Gallagher, Janitor,	135 00	
Cousens Brothers, coal,	122 00	
Joel Tiffany, charcoal,	17 50	
		2,134 50

HEATH STREET SCHOOL.

Paid C. L. Rideoute, Principal,	$1,342 00	
M. J. Collingwood,	647 50	
Amounts carried forward,	$1,989 50	$13,896 85

Amounts brought forward,	$1,989 50	$13,896 85
Paid M. E. Hyde,	647 50	
Lizzie Rausch,	290 00	
M. A. Kelley,	275 00	
Lawrence Moran, Janitor,	125 00	
Cousens Brothers, coal,	158 40	
		3,485 40

WARD SCHOOL.

Paid David Bentley, Principal,	$2,048 00	
S. W. Loker, Assistant,	608 15	
F. Swanton, "	335 00	
Charles N. Bentley, "	185 37	
Ella M. Armes, "	617 50	
M. B. Magoon, "	335 00	
Emma A. George, "	617 50	
Carrie W. Gookin, "	647 50	
Annie L. Richardson "	647 50	
Jennie E. Hintz, "	335 00	
Emma L. Wiswall, "	647 50	
Lizzie P. Mitchell, "	55 00	
Lizzie Rausch, "	275 00	
Jennie Carroll, "	275 00	
Fannie L. Daggett, "	275 00	
L. E. Newcomb, Janitor,	182 50	
Cousens Brothers, coal,	195 20	
Joel Tiffany, charcoal,	8 75	
		8,290 47

HARVARD STREET PRIMARY SCHOOL.

Paid Sara D. Newton,	$647 50	
Amounts carried forward,	$647 50	$25,672 72

Amounts brought forward,	$647 50	$25,672 72
Paid Emma L. Stevens,	647 50	
J. W. Coolidge, Janitor,	88 75	
Cousens Brothers, coal,	58 56	
Joel Tiffany, charcoal,	10 50	
		1,452 81

SOUTH PRIMARY SCHOOL.

Paid Abbie P. Haines,	$647 50	
Emma T. Lewis,	647 50	
Terrence Gallagher, Janitor,	88 75	
Cousens Brothers, coal,	58 56	
Joel Tiffany, charcoal,	7 00	
		1,449 31

LAWRENCE SCHOOL.

Paid Susie M. Rowe,	$647 50	
Clara Mott,	275 00	
J. W. Coolidge, Janitor,	78 75	
Cousens Brothers, coal,	63 36	
Joel Tiffany, charcoal,	15 40	
		1,080 01

LONGWOOD PRIMARY SCHOOL.

Paid Alice Abbott,	$290 00	
Clara E. Ballou,	275 00	
J. W. Coolidge, Janitor,	63 75	
Amounts carried forward,	$628 75	$29,654 85

Amounts brought forward,	$628 75	$29,654 85
Paid Cousens Brothers, coal,	58 56	
Joel Tiffany, charcoal,	12 60	
		699 91

NEWTON STREET PRIMARY SCHOOL.

Paid L. P. Rollins,	$240 00	
S. Louisa Stearns,	225 00	
M. J. English, Janitor,	57 00	
Cousens Brothers, coal,	18 00	
Joel Tiffany, charcoal,	3 50	
		543 50

SCHOOL SUNDRIES.

Paid Warren Goddard, jr., Secretary of School Committee,	$200 00	
W. S. Tilden, instruction in music,	300 00	
O. B. Brown, instruction in music,	300 00	
H. A. Nevers, instruction in sewing,	565 00	
Anna H. Pope, instruction in sewing,	150 00	
Abbie M. White, instruction in drawing,	200 00	
Nellie E. Shea, substituting,	7 50	
R. W. Hyde, substituting,	1 50	
Henry G. Carey, music-books,	25 00	
Amounts carried forward,	$1,749 00	$30,898 26

Amounts brought forward,		$1,749 00	$30,898 26
Paid George H. Moulton, music,		12 00	
Oliver Ditson & Co., "		20 00	
A. G. Mathews, tuning pianos,		10 00	
J. L. Wildes, tuning pianos,		10 10	
F. Hunnewell & Co., moving piano and organ from Boston to Brookline, music, &c.,		30 50	
Wm. R. Hallett, services as organist, June 25 and 27,		7 00	
J. Anson Guild, rent of school-room,		77 50	
L. E. Newcomb, care of school-room in Guild's Block,		23 00	
L. E. Newcomb, truant officer,		259 00	
Knight & Adams, books,		26 55	
Nichols & Hall, "		30 95	
Wm. Ware & Co., "		2 03	
E. P. Kirby, cash paid for books,		3 35	
N. H. Harriman, cash paid for sundries,		18 53	
The *Nursery*,		75 17	
Henry A. Young & Co., books,		207 51	
Mass. Bible Society,		1 25	
A. C. Stockin, books,		106 20	
Lee & Shepard, publishers and booksellers,		18 34	
Ginn & Heath, publishers and booksellers,		18 03	
Amounts carried forward,		$2,706 01	$30,898 26

Amounts brought forward,	$2,706 01	$30,898 26
Paid Murray M. Wing, books and stationery,	20 46	
Carter, Rice & Co., stationery,	5 54	
Train, Hosford & Co., stationery,	58 50	
John A. Boyle, reading-charts,	22 00	
Joseph W. Ripley, bookbinding,	3 00	
Cambridgeport Diary Co., stationery,	4 35	
Pulsifer, Jordan & Wilson, paper and printing,	83 50	
J. F. Mooar, engrossing diplomas,	14 25	
Brooks & Young, crayons,	4 48	
D. B. Brooks & Co., ink,	37 50	
A. & E. Burton & Co., brushes,	18 60	
Nathaniel L. Chamberlain, rotary stamp,	4 00	
L. Prang & Co., art publishing house,	76 18	
T. R. Marvin & Son, printing,	163 00	
M. C. Warren, bell,	67	
Wakefield Rattan Co., mats,	15 75	
Jamaica Pond Aqueduct Co., water used in Ward School,	6 00	
Brookline Gaslight Co.,	1 50	
A. G. Whitcomb, school furniture,	131 92	
Amounts carried forward,	$3,377 21	$30,898 26

Amounts brought forward,	$3,377 21	$30,898 26
Paid J. L. Hammett, school merchandise,	62 35	
Boston Evening *Transcript*, advertising,	1 00	
Mrs. M. A. Bean, ribbon,	1 70	
Miss L. M. Swift, dry goods,	20 51	
Miss M. O'Day, books, &c.,	12 01	
Charles F. Lamb, dry goods,	1 92	
A. A. Cheney, repairing clocks, &c.,	64 01	
Wm. Pree, cutler,	7 25	
Stone & Goodspeed, carriage hire,	6 50	
M. Cummings, carriage hire,	16 00	
J. C. Buzzell, express work,	4 00	
Charles Chase, " "	12 25	
Nelson Thompson, upholstery,	50 38	
Geo. F. Joyce & Co., grocers,	1 65	
Francis H. Bacon, grocer,	13 56	
Coolidge & Brother, grocers,	27 55	
B. F. Baker, painter,	296 79	
R. A. Chace, "	29 43	
Horace James, mason,	105 07	
C. E. Dearborn, lumber,	1 44	
W. A. Goodwin, carpenter,	280 45	
J. D. Long, "	45 55	
B. W. Neal, "	72 21	
Mayo & Paine, plumbers,	251 75	
Kenrick Brothers, "	228 93	
W. Y. Gross, lumber, bunting and labor for school exhibition,	18 88	
Amounts carried forward,	$5,010 35	$30,898 26

Amounts brought forward,		$5,010 35	$30,898 26
Paid M. Burns, care of school-room, &c.,		44 60	
J. W. Coolidge, sundries,		20 70	
Terrence Gallagher, "		21 50	
L. E. Newcomb, putting in coal and sundries,		147 16	
George McIntosh, labor,		1 75	
			5,246 06
Total amount expended for Schools,			$36,144 32
For use of water for School-houses, as per vote of town,	$45 00		

EVENING SCHOOL.

Appropriation,	$500 00		
Paid Eliza Smith, teaching,		$57 50	
C. N. Bentley, "		80 00	
Brookline Gaslight Co.,		17 00	
			154 50

SUPPORT OF POOR.

Appropriation,	$6,000 00		
From other sources,	213 50		
	$6,213 50		
Amount carried forward,			$36,298 82

Amount brought forward,		$36,298 82
Paid Commonwealth of Massachusetts, support of poor,	$110 00	
City of Boston, support of poor,	120 40	
City of Lawrence, " "	130 00	
City of Haverhill, " "	14 61	
City of Newton, " "	5 88	
Town of Holliston " "	12 00	
Town of Sharon, " "	21 50	
Hospital for the insane, Northampton,	207 43	
Asylum for chronic insane,	196 49	
Taunton Lunatic Hospital,	168 64	
St. Vincent's Asylum,	72 00	
Sisters of Charity, Salem Orphan Asylum,	8 00	
House of the Good Shepherd,	112 00	
House of the Angel Guardian, tuition and support of poor,	268 45	
John Manahan, support of poor,	64 00	
Martin Flanagan, " "	76 00	
Thomas Finn, " "	40 00	
Mrs. Pat'ck Ryan " "	96 00	
Mrs. Morrison, " "	8 00	
Patrick Hickey, " "	4 00	
Martin Costello, " "	180 00	
Patrick Mealey, " "	32 00	
Mary Bolan, " "	96 00	
Owen Lynch, " "	44 00	
Andrew McCarty, " "	48 00	
Mrs. Mic'l Davis, " "	8 00	
Bridget Sullivan, " "	96 00	
Mrs. Conway, " "	56 00	
Amounts carried forward,	$2,295 40	$36,298 82

Amounts brought forward,		$2,295 40	$36,298 82
Paid Ann Hanlon, support of poor,		33 00	
Mrs. Maddock,	" "	14 00	
James Hanlan,	" "	9 50	
Susan Campbell,	" "	48 00	
John Noonan,	" "	36 00	
C. O'Hearn,	" "	24 00	
Wm. Wyman,	" "	15 62	
H. R. Head;	" "	15 00	
Bridget McMahan	" "	70 00	
James Driscoll,	" "	48 00	
Hugh Murray,	" "	40 00	
E. W. Packard,	" "	122 00	
Margaret Beaty,	" "	18 00	
Mrs. B. Cusick,	" "	14 00	
Thomas Quinlan,	" "	20 00	
Philip Duffy,	" "	128 00	
John Frawley	" "	28 00	
E. W. Bunnell,	" "	4 28	
Ann Fleming,	" "	3 00	
John McCarty,	" "	12 00	
John Conway,	" "	8 00	
Simon McMahan,	" "	4 00	
M. Driscoll,	" "	50 00	
Mrs. Slater,	" "	8 00	
C. S. Adams,	" "	15 43	
T. E. Francis, M. D., medical attendance,		3 00	
Ira B. Cushing, M. D., medical attendance,		38 00	
G. K. Sabine, M. D., medical attendance,		119 50	
George W. Bird, apothecary,		21 49	
Warren G. Currier,	"	2 68	
Amounts carried forward,		$3,267 90	$36,298 82

Amounts brought forward,		$3,267 90	$36,298 82
Paid T. S. Pettengill, support of poor,		8 50	
S. Rowland Hart, "	"	87 00	
C. C. Chaplin, "	"	1 00	
Albert S. Paige, "	"	11 14	
Lyford & Pierce, "	"	24 00	
Brookline Gaslight Co., coke,		7 50	
Stone & Goodspeed, carriage hire,		8 00	
Cousens Brothers, coal,		5 00	
Trowbridge & Hill, wood and coal,		309 00	
J. M. Seamans & Co., groceries,		16 47	
S. Burt,	"	615 25	
Burt & Packard,	"	84 00	
Thomas T. Robinson,	"	853 90	
George F. Joyce & Co.,	"	244 75	
Francis H. Bacon,	"	348 14	
F. J. Nash,	"	117 50	
			6,009 05

SUPPORT OF HIGHWAYS.

Appropriation,	$16,000 00		
Paid John W. Candler, gravel,		$136 17	
Heirs of Wm. S. Wilson, "		93 50	
James H. Cowan,	"	53 75	
Edward Howe, sand,		44 00	
Morss & Whyte, gravel screen,		8 00	
Charles Davis, edgestone,		10 80	
John Turner & Co., granite paving,		19 50	
Amounts carried forward,		$365 72	$42,307 87

Amounts brought forward,	$365 72	$42,307 87
Paid Thomas W. Carter, flagging stone,	55 55	
David W. Lewis, tile and pipe,	69 46	
James Edmund & Co., land tile,	25 35	
A. H. French, engineering,	10 79	
Whittier Machine Co.,	23 75	
S. E. Chubbuck & Son,	41 04	
Macomber, Bigelow & Dowse, hardware,	21 68	
Whiting Iron Foundry Co.,	57 70	
George E. Everett, hardware,	3 90	
Wm. Saunders, veterinary surgeon,	10 00	
E. F. Allen, gas piping,	1 62	
George Tyler, hardware,	7 33	
Cousens Brothers, coal,	75 80	
A. L. Cutler & Co., paints and oils,	15 15	
Wm. Bowers, bundles of broom brush,	7 35	
Brookline Gaslight Co.,	26 40	
A. A. Cheney, liniment,	7 00	
A. Pritchard, harness soap,	1 00	
Union Lubricator Co., oils,	5 80	
M. McGrady, carrots,	16 40	
B. F. Baker, painter,	17 54	
Ame & Co., American spiced food,	8 00	
D. S. Coolidge, breaking out streets,	6 75	
J. Driscoll, express work,	2 00	
Amounts carried forward,	$883 08	$42,307 87

Amounts brought forward,	$883	08	$42,307 87
Paid M. R. Warren, stationery, &c.,		85	
Philip Duffy, iron-work,	212	16	
R. Woodward, "	338	47	
Thomas Nagle, "	157	96	
M. W. Quinlan,	192	23	
C. E. Dearborn, lumber,	17	79	
M. Mahan, carpenter,	162	50	
O. B. Delano, "	48	72	
W. A. Goodwin, carpenter,	1	97	
Samuel Beal, "	9	85	
John E. Blaisdell, "	35	38	
B. W. Neal, "	1	00	
Kenrick Brothers, plumbers,	5	35	
Horace James, mason,	124	53	
Francis H. Bacon, grocer,	2	60	
T. T. Robinson, "	81	73	
J. M. Seamans & Co.,	947	09	
John J. Burns, labor and stock,	22	40	
C. O'Hearn, labor,	6	00	
E. W. Reed, "	11	25	
James Driscoll, labor,	75	87	
Henry M. Hall,	1	25	
P. Dillon,	58	33	
Laborers, as per pay-roll,	12,601	64	
			16,000 00
For use of water for watering streets, as per vote of town, $2,030 00			
Amount carried forward,			$58,307 87

Amount brought forward,		$58,307 87

SIDEWALKS.

APPROPRIATION, $1,500 00		
Paid C. W. Lyman & Co., concreting,	$272 00	
Charles Davis, edgestone,	72 02	
Edward Howe, gravel,	12 80	
George Tyler, hardware,	1 83	
John E. Blaisdell, carpenter,	18 89	
M. Mahan, "	57 13	
B. W. Neal, "	293 48	
Samuel Beal, "	167 99	
Horace James, mason,	74 94	
J. M. Russell, "	149 23	
Laborers, as per pay-roll,	391 33	
		1,511 64

WATERING STREETS.

APPROPRIATION, $5,000 00		
Paid James McBurney, watering streets,	$1,255 00	
James Driscoll, watering streets,	1,000 00	
P. S. Allen, watering streets,	1,000 00	
C. O'Hearn, " "	1,000 00	
Pat'k Dillon, " "	250 00	
Edward Phillips, watering streets,	199 98	
C. G. Grush, watering streets,	2 25	
Amounts carried forward,	$4,707 23	$59,819 51

Amounts brought forward,	$4,707	23	$59,819 51
Paid C. L. Palmer, repairs,	6	50	
R. Woodward, iron-work,	46	51	
Philip Duffy, "	33	25	
M. W. Quinlan, repairs,	24	77	
Kenrick Brothers, plumbers,	15	60	
J. M. Seamans & Co., grocers,	76	98	
T. T. Robinson, grocer,	87	23	
Francis H. Bacon, grocer,	3	35	
O. B. Delano, carpenter,	1	00	
Laborers, as per pay-roll,	3	25	
			5,005 67

LIGHTING STREETS.

Appropriation,	$11,000	00	
Paid Brookline Gaslight Co.,	$7,041	00	
Globe Gaslight Co., lamps and lighting,	1,454	82	
John S. Woods, lighting,	2,164	62	
J. B. Tilley, "	25	00	
Whiting Iron Foundry Co.,	8	25	
Nathaniel Tufts, lanterns,	75	00	
E. S. Holmes, "	4	25	
Walworth Manufacturing Co., lanterns,	9	85	
John Binney, lanterns,	30	00	
Kenrick Brothers,	7	40	
			10,820 19
Amount carried forward,			$75,645 37

PUBLIC LIBRARY BROOKLINE.

Amount brought forward,		$75,645 37

LIGHTING ST. PAUL STREET, AND LAMP POST, MORSS AVENUE.

Appropriation,	$300 00		
Paid Brookline Gaslight Co.,		$33 24	
Globe Gaslight Co.,		34 50	
John S. Woods,		83 00	
			150 74

SUPPORT OF FIRE DEPARTMENT.

Appropriation,	$5,500 00		
Paid Board of Fire Engineers,		$ 425 00	
Hook and Ladder Co. No. 1,		570 00	
Hose Co. No. 1,		485 00	
" " " 2,		472 50	
E. S. Noyes, jr., Engineer,		3 00	
Leo Bertsch, call "		74 97	
George L. Newcomb, driver of Hook and Ladder,		694 98	
George McIntosh, driver of Hose No. 1,		210 66	
M. Burns, driver of Hose No. 1,		455 25	
L. F. Johnston, driver of Hose No. 2,		478 56	
G. T. Griffen, driver of Hose,		36 25	
Wm. Richards, driver of Hose,		2 50	
Amounts carried forward,		$3,908 67	$75,796 11

Amounts brought forward,	$3,908	67	$75,796 11
Paid Royal McIntosh, relief driver,	2	50	
John A. Ayers, call fireman,	30	00	
Joseph F. Ryan, repairs,	34	95	
M. W. Quinlan, "	30	67	
R. Woodward, "	108	29	
J. H. Maher, "	2	75	
Ryan Brothers, "	22	30	
Lucas & Maher, "	11	10	
C. F. Brooks, repair harness,	7	85	
James Boyd & Son, harness and repair of hose,	122	25	
George Tyler, hardware,	1	02	
George E. Everett, hardware,		22	
Brookline Gaslight Co.,	200	70	
Trowbridge & Hill, wood and coal,	6	25	
Cousens Brothers, coal,	135	60	
Ame & Co., American spiced food,	16	25	
W. J. Griggs, salt hay,	8	00	
F. M. Bond, grain, hay and straw,	3	60	
Brookline *Chronicle*, printing,	39	50	
Kenrick Brothers, plumbers,	37	78	
Mayo & Paine, "	3	50	
Stone & Goodspeed, carriage hire,	3	00	
Warren G. Currier,	2	95	
Ladd's Family Drug-store,	1	50	
Bakers & Humphrey, rope,	24	80	
C. E. Dearborn, lumber,	15	83	
Amounts carried forward,	$4,781	83	$75,796 11

Amounts brought forward,	$4,781 83	$75,796 11	
Paid W. A. Goodwin, carpenter,	5 70		
John S. Woods, hoof ointment,	4 00		
A. A. Cheney, repair clocks,	6 88		
Miss M. O'Day, stationery,	1 10		
C. P. Palmer, cleaning and polishing oil,	5 25		
Henry C. Dimond, rubber-pad stamp,	2 00		
L. H. Shattuck, cloth and sewing,	3 02		
Charles Chase, express,	3 00		
A. Noland, painter,	8 18		
T. T. Robinson, grocer,	92 81		
J. M. Seamans & Co., grocers,	443 47		
Francis H. Bacon, grocer,	11 42		
Abigail McIntosh, washing,	31 69		
Mrs. Geo. Harvey, "	25 03		
John J. Burns, labor and stock,	22 41		
George Sneider, labor,	6 00		
		5,453 79	
For use of water for hydrants, as per vote of town, $3,700 00			

SINKING FUND.

Appropriation, $58,600 00		
Paid Commonwealth of Massachusetts,	$16,000 00	
Amounts carried forward,	$16,000 00	$81,249 90

Amounts brought forward,	$16,000 00	$81,249 90
Paid Charles D. Head, Treasurer,	29,600 00	
Shoe & Leather Insurance Co.,	8,000 00	
State Mutual Life Insurance Co.,	5,000 00	
		58,600 00

INTEREST ON TOWN DEBT.

Appropriation,	$94,000 00	
Paid Interest on Water Scrip,	$33,587 50	
Interest on Town Hall Fund Bonds,	9,000 00	
Interest on Public Ground Fund Bonds,	5,400 00	
Interest on Sewer Bonds,	6,250 00	
Commonwealth of Massachusetts,	7,838 00	
New England Mutual Life Insurance Co.,	16,505 00	
State Mutual Life Insurance Co.,	1,882 29	
Shoe & Leather Insurance Co.,	360 00	
Salem Savings Bank,	1,440 00	
Hopkinton "	325 00	
Cape Ann "	1,625 00	
Franklin Inst'n for savings,	4,158 00	
Dedham " "	640 24	
Lynn " "	325 00	
Hingham " "	1,950 00	
Amounts carried forward,	$91,286 03	$139,849 90

Amounts brought forward,	$91,286 03	$139,849 90
Paid F. A. Hall, Trustee,	490 00	
Charles D. Head, Treasurer of Commissioners of Sinking Fund,	1,248 00	
Rachel Lewis,	260 00	
Nancy Stearns,	65 00	
		93,349 03

STATE TAX.

Appropriation,	$15,810 00	
Paid Commonwealth of Massachusetts,		15,810 00

COUNTY TAX.

Appropriation,	$23,433 49	
Paid County of Norfolk,		23,433 49

CEMETERY (OLD).

Appropriation,	$200 00	
Paid Thomas S. Pettengill, labor,		171 00

DECORATION DAY.

Appropriation,	$300 00	
Paid Post 143 G. A. R.,		300 00
Amount carried forward,		$272,913 42

Amount brought forward,		$272,913 42

RINGING BELL.

APPROPRIATION,	$175 00	
Paid Barney McDonald, ringing bell,	$154 50	
L. F. Johnston, ringing bell holidays,	2 50	
Mathew McNielly, ringing bell holidays,	4 00	
J. D. Long, ringing bell holidays,	4 00	
		165 00

LIBRARY.

APPROPRIATION,	$4,000 00	
Paid Charles D. Head, Trustee,		4,000 00
For use of water for Library Building, as per vote of town,	$18 00	

LIBRARIAN'S SALARY.

APPROPRIATION,	$1,200 00	
Paid M. A. Bean, Librarian,		1,200 00
Amount carried forward,		$278,278 42

Amount brought forward,			$278,278 42

ASSESSORS.

APPROPRIATION,	$2,000 00		
Paid Thomas B. Hall, William Lincoln, and J. Anson Guild, services as Assessors,			2,000 00

TREASURER AND COLLECTOR.

APPROPRIATION,	$2,000 00		
Paid Moses Withington, services as Treasurer and Collector,			2,000 00

SELECTMEN.

APPROPRIATION,	$2,000 00		
Paid Oliver Whyte, services as Selectman,		$400 00	
Francis W. Lawrence, services as Selectman,		400 00	
Horace James, services as Selectman,		400 00	
James W. Edgerly, services as Selectman,		400 00	
			1,600 00

OVERSEERS OF POOR.

APPROPRIATION,	$1,000 00		
Paid Oliver Whyte, services as Overseer of Poor,		$142 85	
Amounts carried forward,		$142 85	$283,878 42

Amounts brought forward,		$142 85	$283,878 42
Paid Francis W. Lawrence, services as Overseer of Poor,		142 85	
Horace James, services as Overseer of Poor,		142 85	
James W. Edgerly, services as Overseer of Poor,		142 85	
Henrietta Codman, services as Overseer of Poor,		142 86	
Elizabeth Cabot, services as Overseer of Poor,		142 86	
			857 12

SUPERINTENDENT OF STREETS.

Appropriation,	$1,200 00		
Paid M. Driscoll, Superintendent of Streets,			1,200 00

TOWN CLERK, CLERK OF SELECTMEN AND OVERSEERS OF POOR.

Appropriation,	$800 00		
Paid B. F. Baker, services as Town Clerk,		$450 00	
C. D. Lincoln, services as clerk of Selectmen, and Overseers of Poor,		350 00	
			800 00
Amount carried forward,			$286,735 54

Amount brought forward,		$286,735 54

CLERK OF WALNUT HILLS CEMETERY.

Appropriation,	$150 00	
Paid B. F. Baker, clerk,		150 00

HEALTH DEPARTMENT.

Appropriation,	$1,000 00	
Paid C. D. Lincoln, clerk of Board of Health,	$100 00	
G. K. Sabine, M. D. medical attendance,	102 25	
J. W. Steere, tending tide gate,	63 33	
Francis Maley, collecting house offal,	200 00	
George Tyler, hardware,	1 25	
M. W. Quinlan, repairs,	19 50	
M. Mahan, carpenter,	15 00	
Laborers, as per pay-roll,	498 06	
		999 39

LAND DAMAGES AND FINISHING MAIN SEWER.

Appropriation,	$3,000 00	
Paid Wm. Aspinwall, land damage,	$ 799 00	
Amounts carried forward,	$799 00	$287,884 93

Amounts brought forward,	$799 00	$287,884 93
Paid Charles Stearns and Heirs of Marshall Stearns, land damage,	1,302 00	
Thomas Doane, engineering,	50 00	
James Driscoll, gravel,	38 50	
Michael O'Donnell, mud,	163 00	
John H. Reed & Co., iron merchants,	10 12	
S. E. Chubbuck & Son, machinists,	41 05	
Morss & Whyte, grating, &c.,	59 90	
George W. Tyler, hardware,	45	
Martin Lennon, award,	242 07	
Wm. H. Olmstead, repairs, &c.,	3 16	
Horace James, mason,	90 87	
J. M. Russell, "	16 87	
F. T. Whyte, folio,	9 00	
O. B. Delano, carpenter,	18 66	
G. W. Judd and Henry Wright, labor,	40 62	
R. H. Grogan, damages,	30 00	
Laborers, as per pay-roll,	31 50	
		2,946 77

CONSTRUCTION OF LATERAL SEWERS.

APPROPRIATION,	$17,034 00	
Paid A. H. French, engineering services, and cash paid for assistance and office expenses,	$805 96	
Amounts carried forward,	$805 96	$290,831 70

Amounts brought forward,	$805 96	$290,831 70
Paid Waldo Brothers, pipe,	2,757 89	
David W. Lewis, "	30 92	
Charles Davis, granite,	29 80	
Thomas W. Carter, flagging stone,	3 15	
Edward Howe, gravel,	48 50	
C. E. Dearborn, lumber,	701 40	
S. M. Cofran, bricks,	764 00	
J. L. Sands, "	667 60	
Ames Plow Co., canal barrows,	3 50	
T. W. Hoxie & Co., cement,	503 52	
American Rubber Co., hose,	37 50	
Trowbridge & Hill, coal,	19 92	
L. D. Davenport, ash rods,	8 75	
D. E. Shephard, grass seed,	2 00	
J. H. Maher, straps,	1 50	
Robert Amory, M.D., attendance on man injured while working on sewer,	5 00	
F. A. Searle, printing,	2 00	
Boston Machine Co.,	21 67	
Whiting Iron Foundry Co.,	812 66	
Charles Chase, express work,	10 75	
J. Driscoll, " "	1 80	
J. Hayes, " "	2 00	
J. C. Buzzell, " "	3 50	
F. Sullivan, plumber,	5 53	
Kenrick Bros., plumbers,	59 45	
T. T. Robinson, grocer,	69 94	
Francis H. Bacon, "	60	
J. M. Seamans & Co., grocers,	59 01	
Coolidge & Brother,	12 97	
Amounts carried forward,	$7,452 79	$290,831 70

Amounts brought forward,			$7,452 79	$290,831 70
Paid O. B. Delano, carpenter,			45 24	
J. E. Blaisdell, "			79	
Macomber, Bigelow & Dowse, hardware,			33 25	
George E. Everett,			10 05	
M. W. Quinlan, repairs,			4 70	
Michael Canty, setting edge-stone,			19 20	
M. C. Hennessey, cutting stones,			43 90	
R. Woodward, iron-work,			137 57	
Thomas Nagle, "			96 28	
Philip Duffy, "			31 20	
Horace James, mason,			132 26	
R. A. Chace, painter,			5 80	
Patrick McCarty, jobbing,			116 25	
James Driscoll, labor,			37 75	
P. S. Allen, "			111 00	
Laborers, as per pay-roll,			8,738 99	
				17,017 02

CARE OF SEWERS.

APPROPRIATION,	$1,500 00		
Received from entering sewers,	113 75		
	$1,613 75		
Paid A. H. French, engineering services, and cash paid for labor,		$62 22	
Amounts carried forward,		$62 22	$307,848 72

Amounts brought forward,	$62 22	$307,848 72
Paid James Rooney, boots,	9 50	
C. C. Chaplin, "	5 50	
Stone & Goodspeed, carriage hire,	7 00	
Horace James, mason,	44 73	
M. Mahan, carpenter,	6 00	
Michael Canty, labor,	123 50	
Laborers, as per pay-roll,	1,355 52	
		1,613 97

STATE AID.

Appropriation,	$800 00	
Paid sundry persons,		620 00

DISABLED SOLDIERS AND FAMILIES OF DECEASED SOLDIERS.

Appropriation,	$500 00	
Paid Philip Duffy, rent of rooms,	$12 00	
Trowbridge & Hill, wood and coal,	16 00	
Burt & Packard, grocers,	16 00	
S. Burt, grocer,	82 00	
George F. Joyce & Co.,	8 00	
		134 00
Amount carried forward,		$310,216 69

Amount brought forward,		$310,216 69

REPAIR OF TOWN BUILDINGS.

APPROPRIATION,	$1,000 00		
Paid B. F. Baker, painting,		$203 78	
R. A. Chace, "		35 98	
Kenrick Brothers, plumbers,		58 13	
W. A. Goodwin, carpenter,		187 59	
J. D. Long, "		7 85	
S. Beal, "		19 65	
O. B. Delano, "		15 80	
B. W. Neal, "		1 00	
Horace James, mason,		321 99	
Henry M. Hall, labor,		16 39	
L. E. Newcomb,		19 30	
Laborers, as per pay-roll,		1 25	
R. Woodward, iron-work,		3 00	
			891 71

CARE OF TOWN HALL, INCLUDING JANITOR.

APPROPRIATION,	$2,000 00		
Paid W. Y. Gross, services as Janitor, etc.,		$1,053 80	
Cousens Brothers, coal,		374 24	
John C. Morse, putting in coal,		22 95	
Brookline Gaslight Co.,		311 40	
Macomber, Bigelow & Dowes, hardware,		7 20	
Amounts carried forward,		$1,769 59	$311,108 40

Amounts brought forward,	$1,769 59	$311,108 40
Paid George Tyler, hardware,	3 09	
Henry A. Hall, hose, etc.,	13 30	
Dalton & Ingersoll, gas fitters, etc.,	3 67	
E. F. Allen, gas-fitter,	6 30	
Jamaica Pond Ice Co., ice,	7 20	
C. E. Dearborn, lumber,	6 45	
Walworth Manufactur'g Co.,	1 83	
City Iron Foundry,	20 00	
W. J. McPhearson, repair of stained glass,	4 27	
Trustees of Walnut Hills Cemetery, wood,	45 00	
Kenrick Brothers, plumbers,	19 52	
Mayo & Paine, "	7 32	
William Pree, cutler,	3 90	
Chas. Chase, express work,	25	
Richard Hills, repair of clock,	1 00	
B. F. Baker, painter,	44 93	
O. B. Delano, carpenter,	2 80	
Horace James, mason,	3 38	
T. T. Robinson, grocer,	2 60	
E. W. Packard, "	5 63	
Burt & Packard, grocers,	25	
George F. Joyce & Co., grocers,	3 25	
Charles Pons, labor,	3 00	
D. F. Ordway, reversible hose nozzle,	1 75	
Laborers, as per pay-roll,	12 25	
		1,992 53
For use of water for Town Hall, as per vote of town, $56 00		
Amount carried forward,		$313,100 93

Amount brought forward,		$313,100 93

POLICE.

Appropriation,	$13,000 00	
Paid Alonzo Bowman, Chief; Patrick H. Cusick, Deputy Chief; Harris R. Head, B. C. Clark, Mears Orcutt, Wm. W. O'Connell, B. R. Willis, George F. Dearborn, Albert S. Paige, Patrick Dillon, Thomas J. Murray, Charles B. McCausland, George F. Marston, Pat'k Johnson, Edmund Russell, Charles F. Bush, Chas. H. Cilley, services as Policemen,	11,813 05	
Stone & Goodspeed, board of horse, etc.,	106 85	
Brookline Gaslight Co.,	309 60	
A. Bowman, cash paid for sundries,	44 86	
Brookline *Chronicle*, printing,	5 75	
Jamaica Pond Ice Co., ice,	6 40	
M. R. Warren, stationery,	36 00	
Cousens Brothers, coal,	97 60	
Joel Tiffany, charcoal,	4 20	
John C. Morse, putting in coal,	10 00	
Amounts carried forward,	$12,434 31	$313,100 93

Amounts brought forward,	$12,434 31	$313,100 93	
Paid Wm. Read & Son, dog collars and chains,	3 50		
Isburgh & Walker, horse,	160 00		
Charles Chase, express,	1 70		
Warren G. Currier, apothecary,	4 10		
Ame & Co., American spiced food,	4 00		
M. W. Quinlan, repairs,	13 71		
R. Woodward, iron-work,	59 11		
Kenrick Brothers, plumbers,	6 89		
H. A. Winship, harness,	46 00		
B. W. Neal, carpenter,	32 60		
J. M. Seamans & Co., grocers,	122 57		
T. T. Robinson, grocer,	43 72		
		12,932 21	
For use of water for Police Station, as per vote of town,	$11 00		

EXTENSION OF WATER WORKS.

Appropriation,	$9,485 00		
Re-appropriated,	2,608 08		
Paid Boston Daily *Advertiser*, advertising,	$6 00		
Journal Newspaper Co., advertising,	7 00		
Warren Foundry & Machine Co., pipe,	2,949 35		
Amounts carried forward,	$2,962 35	$326,033 14	

Amounts brought forward,	$2,962 35	$326,033 14
Paid Morris, Tasker & Co., pipe,	17 55	
Whiting Iron Foundry Co.,	25 89	
Boston Belting Co.,	2 03	
Boston Machine Co.,	276 80	
Davis & Farnum M'f'g Co., gas-fixtures,	72 53	
Schooner M. F. Cushman, freight,	80 47	
Schooner J. H. Deputy, freight,	52 15	
C. W. Lyman & Co., concreting,	150 00	
So. Boston Iron Co., kettle,	1 20	
D. Kennedy & Co., water gates,	90 00	
S. M. Cofran, brick,	60 00	
Thos. Cunningham & Co., Manuf'rs of wrought iron, steam and gas-pipes, boilers, etc.,	228 25	
Walworth Man'f'g Co.,	15 22	
Samuel May & Co., hardware,	200 72	
A. D. Wilkinson & Co., hardware,	1 25	
Dalton & Ingersoll, gas-fitters,	66 48	
J. M. Gately, sand,	4 00	
S. Dana Hayes, analysis of water,	36 00	
Jones, McDuffee & Stratton,	1 58	
Brookline Gaslight Co.,	3 00	
Amounts carried forward,	$4,347 47	$326,033 14

Amounts brought forward,	$4,347 47	$326,033 14
Paid Sewall, Day & Co., jute packing,	39 78	
Wales wharf, wharfage,	29 12	
Smith & Lovett, iron-work,	6 80	
Thomas Nagle, "	34 23	
F. F. Forbes, car-fares, etc.,	9 69	
M. Ryan, wood,	8 00	
P. S. Allen, grading at pumping station,	535 04	
Frost & Adams, artists' materials,	1 80	
J. Tiffany, charcoal,	4 00	
Kenrick Brothers, plumbers,	1,617 96	
Chas. Chase, express,	12 76	
John S. Woods, two naphtha burners,	3 00	
W. J. Bride, Agent for Trustees Boston Lead Co.,	16 42	
Stone & Goodspeed, carriage hire,	169 00	
James Driscoll, labor,	468 90	
Harvey Jones, "	3 50	
C. O'Hearn, "	1,012 05	
Atherton T. Brown, "	6 00	
T. A. Noon, "	1 20	
Francis Maley, "	59 16	
Horace James, mason,	166 40	
O. B. Delano, carpenter,	186 06	
J. M. Seamans & Co.,	2 14	
Employees' pay-roll,	574 51	
		9,314 99
Amount carried forward,		$335,348 13

Amount brought forward,		$335,348 13

MAINTENANCE OF WATER WORKS.

Appropriation,	$7,250 00	
Paid C. D. Lincoln, Water Registrar and Clerk of Water Board,	$600 00	
Brookline *Chronicle*, printing,	33 50	
Rand, Avery & Co., printing,	5 00	
F. A. Searle, "	4 00	
Murray M. Wing, stationery,	4 00	
Cambridgeport Diary Co., stationery,	13 35	
R. J. Flynn, cash paid for steam-engine indicator,	87 30	
Charles Wilder, self-registering thermometer,	5 00	
John Lowell, telegraph poles,	5 25	
Boston & Providence Railroad Co., freight,	748 80	
W. H. Johns & Brother, coal,	1,040 05	
Bliss Brothers, hardware,	2 00	
Joyce & Richardson, "	1 33	
A. J. Wilkinson & Co., "	4 55	
George Tyler, "	3 85	
Samuel May & Co., "	21 67	
Walworth Manuf'ur'g Co.,	45 58	
Boston Machine Co.,	26 38	
Boston Belting Co.,	30 95	
Amounts carried forward,	$2,682 56	$335,348 13

Amounts brought forward,	$2,682 56	$335,348 13
Paid Thos. Cunningham & Co., manuf'rs of engines, &c.,	12 33	
Holmes & Blanchard, machinists,	13 00	
Alvah Walker & Co.,	66 25	
Charles Parker, oil,	3 00	
Joseph F. Jones & Co.,	30 00	
H. A. Johnson & Co., oil polish,	2 25	
J. M. Gately, sand,	4 00	
James Rooney, boots,	12 95	
Kenrick Brothers, plumbers,	111 52	
John Kegan, jr., plumber,	3 11	
James Edmund & Co., fire brick,	14 45	
R. Woodward, iron-work,	2 50	
Thomas Nagle, "	2 75	
F. F. Forbes, car-fares, &c.,	34 70	
J. A. & W. Bird & Co., paints, oils, &c.,	13 38	
Stone & Goodspeed, carriage hire,	146 00	
D. Kennedy, valves,	2 62	
Grover & Baker Sewing Machine Co., engine lathe,	170 00	
Leonard & Ellis, valvoline,	60 25	
R. A. Chace, painter,	32	
Samuel Clark, gravel,	10 00	
Lincoln & Hopkinson, mats,	3 00	
J. M. Russell, mason,	270 12	
Horace James, "	6 80	
George E. Everett, hardware,	3 37	
Amounts carried forward,	$3,681 23	$335,348 13

Amounts brought forward,		$3,681 23	$335,348 13	
Paid John J. Joyce, repairing clocks,		1 00		
C. W. Le Count, street dogs,		4 98		
Wm. Pree, cutler,		1 40		
Cornelius O'Hearn, labor,		3 75		
Atherton T. Brown, "		25 00		
W. Y. Gross, "		3 10		
Charles Chase, express,		2 60		
James Driscoll, labor,		170 40		
Samuel Beal, carpenter,		17 29		
O. B. Delano, "		133 52		
G. A. Newhall & Co., grocers,		19 94		
T. T. Robinson, grocer,		1 20		
J. M. Seamans & Co., grocers,		10 90		
George Carroll, labor,		2 00		
Employees' pay roll,		3,134 12		
			7,212 43	

EXPENSES AGAINST WATER RECEIPTS.

Paid S. Dana Hayes, assayer and chemist, professional services,	$152 96		
Chas. H. Drew, legal services,	777 25		
Roland C. Lincoln, legal services,	200 00		
Patrick O'Neill,	225 00		
Amounts carried forward,	$1,355 21	$342,560 56	

Amounts brought forward,	$1,355 21	$342,560 56
Paid Edward S. Philbrick, engineer, for professional services in suit Gardner vs. Town,	100 00	
		1,455 21

LICENSE ACCOUNT.

Paid Commonwealth of Massachusetts, one-fourth amount received from licenses,	600 00

UNEXPENDED OR UNAPPROPRIATED BALANCE IN TREASURY.

Paid Shedd & Sawyer, engineering services,	$1,961 66	
Aspinwall & Lincoln, engineering services,	114 00	
Wm. Aspinwall, land damage in laying out Brook street and two other new streets,	4,405 60	
The Auditors,	150 00	
O. B. Delano, carpenter,	28 08	
James Driscoll, labor,	864 69	
Sundry persons on account of poor and indigent soldiers as provided in chapter 282 of the Acts of 1878,	443 56	
		7,967 59
Amount carried forward,		$352,583 36

Amount brought forward,		$352,583 36

CONTINGENCIES.

Appropriation,	$8,000 00		
Paid Aspinwall & Lincoln, engineering,		$380 72	
Shedd & Sawyer, engineering,		206 80	
A. H. French, engineering,		91 20	
Boston Daily *Advertiser*,		5 00	
Journal Newspaper Co.,		5 50	
Moses Williams, legal services,		600 00	
Charles A. Welch, attorney, legal services,		73 32	
S. Dana Hayes, State assayer and chemist,		5 00	
Brookline *Chronicle*, printing,		1,765 61	
J. E. Farwell & Co., printing,		48 50	
Rand, Avery & Co., printing,		39 00	
T. R. Marvin & Son, printing,		134 00	
F. A. Searle, printing,		238 80	
James P. Farley, transcribing short hand notes, &c.,		13 47	
Wm. Aspinwall, cash paid for copying,		22 40	
Heliotype Printing Co.,		177 50	
Amounts carried forward,		$3,806 82	$352,583 36

Amounts brought forward,	$3,806 82	$352,583 36
Paid A. J. Adams, trustee, and John Panter, land damage, corner of Park and Marion streets, as per appropriation, Feb. 17, 1873,	59 00	
M. R. Warren, stationery,	43 78	
Cambridgeport Diary Co., stationery,	15 25	
George H. Woods, stationery,	1 50	
M. M. Wing, stationery,	1 46	
J. L. Fairbanks & Co., stationery,	3 50	
Arthur W. Blake, brick sidewalk in front of Blake estate, as per vote of town,	197 50	
A. F. Wilson, counterfeit detector,	5 00	
City of Boston, tax,	52 48	
City of Newton, tax,	1 38	
House of Angel Guardian, board and tuition,	150 65	
Mrs. J. M. Codman,	7 10	
John W. Cobb, expense in repairing buggy, &c.,	21 00	
Brookline Post Office, postage,	55 44	
Stone & Goodspeed, carriage hire,	29 50	
Wm. B. Chaplin, carriage hire,	60 00	
Chas. T. Lanman, messenger for Selectmen,	52 00	
Amounts carried forward,	$4,563 36	$352,583 36

Amounts brought forward,	$4,563 36	$352,583 36
Paid John H. Sturgis, cash paid for foundation for fountain,	111 23	
Brookline Gaslight Co.,	38 50	
Ellen Whalen, damages sustained by falling on icy sidewalk,	25 00	
J. H. Burdakin, recording deeds and mortgages,	50 00	
R. Woodward, iron-work,	2 87	
Chas. Chase, express work,	13 00	
George W. Simmons & Co., blankets,	12 00	
Lamprell & Marble, repairing flag,	2 15	
T. D. Cook, caterer,	25 00	
M. Driscoll, Superintendent of Streets,	50 00	
Warren G. Currier, apothecary,	1 80	
F. W. Prescott, correcting corporation tax list, &c.,	66 67	
Kenrick Brothers, plumbers,	14 29	
O. B. Delano, carpenter,	10 81	
B. W. Neal, "	32 26	
Samuel Beal, "	85 95	
J. D. Long, "	16 00	
M. Mahan, "	2 66	
M. W. Quinlan, repairs,	6 83	
Thomas Quinlan, "	40 00	
W. Y. Gross, labor,	4 49	
Wm. Bowes, "	2 00	
Edward Howe, "	2 40	
Amounts carried forward,	$5,179 27	$352,583 36

Amounts brought forward,	$5,179 27	$352,583 36
Paid George F. Joyce & Co., grocers,	3 06	
J. M. Seamans & Co., grocers,	15 56	
M. Withington, making up report,	40 00	
B. F. Baker, recording and registering births, deaths and marriages; recording military roll; revising voting list, &c.,	198 15	
Laborers, as per pay-roll,	1,226 35	
		6,662 39
		$359,245 75

Total amount received,	$385,143 84
" " expended,	359,245 75
Balance in treasury,	$25,898 09

MOSES WITHINGTON, TREASURER, IN ACCOUNT WITH THE TRUSTEES OF WALNUT HILLS CEMETERY.

DR.

To cash balance on hand Feb., 1878,		$426 94
received of T. S. Pettengill, on account of lot 553,		100 00
received of T. S. Pettengill, on sales of wood,		267 75
received of T. S. Pettengill, for loam,		12 50
" " " " " grass,		25 00
received of Town of Brookline for wood,		20 00
Charles H. Stearns, stone bounds,		6 00
Thomas Parsons, for lot,		303 00
Josiah Gooding, " "		214 00
Ann E. Richardson, for lot,		89 05
D. H. Rogers, " "		80 00
O. M. Mitchell, " "		114 00
Misses Ridgeways, " "		147 30
C. T. Plimpton, " "		109 00
Hitty S. Richardson, " "		114 00
A. G. Mathews, " "		59 00
Mrs. James M. Richardson, opening grave,		5 00
Estate of Mrs. Louisa E. P. Aspinwall, opening grave,		5 00
Estate of Albert S. Paige, single grave,		9 00
Amount carried forward,		$2,106 54

Amount brought forward,		$2,106 54
To cash received of Estate of Mrs. Mary A. Spencer, single grave,		9 00
Estate of Burnham C. Clark, single grave,		9 00
Estate of Wm. Thomas, single grave,		9 00
Estate of Wm. Pree, single grave,		9 00
		$2,142 54

Cr.

By cash paid T. S. Pettengill, for labor furnished,	$1,726 59	
T. T. Robinson, powder,	8 45	
M. R. Warren, stationery,	30 03	
Trowbridge & Hill,	5 50	
R. Woodward,	14 64	
J. M. Russell,	42 75	
Jos. W. Graigg,	39 97	
A. H. French,	50 00	
Charles Chase,	3 50	
B. F. Baker,	5 50	
lent Perpetual Care Fund,	80 00	
balance on hand,	135 61	
		$2,142 54

PERPETUAL CARE FUND.

Dr.

To cash balance on hand, Feb., 1878.	$271 50
received of T. S. Pettengill,	100 00
Hitty S. Richardson,	50 00
Charles T. Plimpton,	50 00
Misses Ridgeways,	33 00
O. M. Mitchell,	50 00
D. H. Rogers,	70 00
Mrs. Ann E. Richardson,	40 50
Josiah Gooding,	100 00
Thomas Parsons,	125 00
Albert S. Paige,	6 00
Mrs. Mary A. Spencer,	6 00
Burnham C. Clark,	6 00
Wm. Thomas,	6 00
Wm. Pree,	6 00
Borrowed from general fund,	80 00
	$1,000 00

Cr.

By cash paid Massachusetts Hospital Life Insurance Co.,	$1,000 00

INCOME FROM PERPETUAL CARE FUND.

Dr.

To cash balance on hand,	$82 34
received interest Massachusetts Hospital Life Insurance Co.,	123 61
	$205 95

Cr.

By cash paid laborers as per payrolls,	$58 87	
T. S. Pettengill,	23 47	
balance on hand,	123 61	
		205 95

MOSES WITHINGTON, TREASURER, IN ACCOUNT WITH THE WARREN FUND, FOR PLANTING TREES IN THE HIGHWAYS OF THE TOWN.

Dr.

To cash balance on hand,	$76 60
1 year's interest on U. S. bonds,	54 10
	$130 70

Cr.

By cash paid M. Driscoll, Supt. of Streets,	$13 12	
James Driscoll, labor,	16 00	
Charles H. Stearns, trees, &c.,	56 25	
balance on hand,	45 33	
		$130 70

TOWN DEBT.

TO WHOM PAYABLE.	Date.	When Due.	Amount.	Int.
Commonwealth of Massachusetts,	Dec. 9, 1869	Oct. 15, 1879	$ 16,000 00	6
" "	" 9, 1869	" 15, 1880	16,000 00	6
" "	" 9, 1869	" 15, 1881	19,800 00	6
Salem Savings Bank.....	July 22, 1870	" 15, 1883	24,000 00	6
Nancy Stearns.....	Dec. 1, 1870	Dec. 1, 1882	1,000 00	6½
Commonwealth of Massachusetts,	" 20, 1870	Oct. 15, 1882	28,000 00	6½
" "	" 20, 1870	" 15, 1884	30,000 00	6½
New England Mut. Life Ins. Co.	Jan. 24, 1872	Jan. 1, 1886	20,000 00	6½
" " " " "	" 24, 1872	" 1, 1886	30,000 00	6½
" " " " "	" 1, 1871	" 1, 1891	100,000 00	6
" " " " "	July 1, 1872	July 1, 1892	50,000 00	6
" " " " "	" 1, 1871	" 1, 1896	50,000 00	6
Z. C. Howland & A. B. Shedd, Executors.....	" 1, 1871	" 1, 1896	40,000 00	6
New England Mut. Life Ins. Co...	May 24, 1872	Jan. 1, 1885	35,000 00	6½
" " " " "	June 29, 1872	" 1, 1887	35,000 00	6½
" " " " "	May 26, 1873	May 26, 1883	14 800 00	6½
" " " " "	" 26, 1873	" 26, 1885	16,600 00	6½
" " " " "	July 16, 1873	July 16, 1884	49,000 00	6½
" " " " "	Aug. 18, 1873	Aug. 18, 1882	49,700 00	7
Wm. A. Wellman, Trustee.....	Dec. 8, 1873	Dec. 8, 1883	7,000 00	7
Franklin Savings Institution, Greenfield, Mass.....	Jan. 30, 1874	Jan. 30, 1884	59,400 00	7
Hopkinton Savings Bank.....	Aug. 17, 1874	Aug. 17, 1879	5,000 00	6½
Commissioners of Sinking Fund..	" 7, 1874	" 7, 1889	15,000 00	6½
State Mutual Life Assurance Co., Worcester, Mass.....	" 15, 1874	" 15, 1879	5,000 00	6½
State Mutual Life Assurance Co., Worcester, Mass.....	July 1, 1874	July 1, 1889	20,000 00	6½
Lynn Inst. for Savings, Lynn.....	Aug. 18, 1874	Aug. 18, 1889	5,000 00	6½
Hingham Institution for Savings.	" 15, 1874	" 15, 1894	20,000 00	6½
" " " "	" 18, 1874	" 18, 1894	10,000 00	6½
Mrs. R. Lewis, Boston.....	" 17, 1874	" 17, 1879	4,000 00	6½
Cape Ann Sav. Bank, Gloucester..	" 19, 1874	" 19, 1879	25,000 00	6½
Commissioners of Sinking Fund..	" 19, 1874	" 19, 1889	4,200 00	6½
Dedham Institution for Savings..	" 21, 1874	" 21, 1886	9,850 00	6½
Brookline Water Scrip.....	Jan. 1, 1874	Jan. 1, 1893	400,000 00	7
" " "	" 1, 1875	" 1, 1895	75,000 00	6
" " "	May 1, 1876	" 1, 1898	25,000 00	5
Brookline Sewer Bonds	April 2, 1877	April 1, 1897	125,000 00	5
Richardson, Hill & Co.....	July 17, 1878	July 17, 1879	5,000 00	4
			$1,444,350 00	

NOTES RECEIVABLE.

FROM WHOM RECEIVED.	Date.	When Due.	Amount.	Int.
Timothy Lennon, Trustee.....	Sept. 1, 1874	Sept. 1, 1879	$1,511 50	7

RECAPITULATION.

APPROPRIATIONS.	1878. Amount Appropriated.	Amount Expended.
Schools	$36,147 52	$36,144 32
Evening School	500 00	154 50
Support of Poor	6,213 50	6,009 05
" " Highways	16,000 00	16,000 04
Sidewalks	1,500 00	1,511 60
Watering Streets	5,000 00	5,005 67
Lighting "	11,000 00	10,820 19
Lighting St. Paul Street, &c	300 00	150 74
Fire Department	5,500 00	5,453 79
Sinking Fund	58,600 00	58,600 00
Interest on Town Debt	94,000 00	93,349 03
State Tax	15,810 00	15,810 00
County Tax	23,433 49	23,433 49
Cemetery, (Old)	200 00	171 00
Decoration Day	300 00	300 00
Ringing Bell	175 00	165 00
Library	4,000 00	4,000 00
Librarian's Salary	1,200 00	1,200 00
Assessors	2,000 00	2,000 00
Treasurer and Collector	2,000 00	2,000 00
Selectmen	2,000 00	1,600 00
Overseers of Poor	1,000 00	857 12
Superintendent of Streets	1,200 00	1,200 00
Town Clerk, Clerk of Selectmen, and Overseers of Poor	800 00	800 00
Clerk of Walnut Hills Cemetery	150 00	150 00
Auditors	30 00	
Health Department	1,000 00	999 39
Land Damages and Construction of Main Sewer	3,000 00	2,946 77
Construction Lateral Sewer	17,034 00	17,017 02
Care of Sewers	1,613 75	1,613 97
State Aid	800 00	620 00
Disabled Soldiers, and families of Deceased Soldiers	500 00	134 00
Repair of Town Buildings	1,000 00	891 71
Care of Town Hall, including Janitor	2,000 00	1,992 53
Police	13,000 00	12,932 21
Extension Water Works	9,485 00	9,314 99
Maintenance " "	7,250 00	7,212 43
Water Rates	11,399 20	1,455 21
License Account	2,400 00	600 00
Unexpended Balance in Treasury		7,967 59
Contingencies	8,000 00	6,662 39
Abatement of Taxes	5,000 00	2,217 62
		$361,463 37

Respectfully submitted,

MOSES WITHINGTON, *Treasurer.*

REPORT OF THE AUDITORS

OF THE

TOWN OF BROOKLINE,

FOR THE YEAR

ENDING JANUARY 31, 1879.

ANNUAL REPORT.

The Auditors chosen at the special town meeting, February 11, 1879, to examine the accounts for the financial year, 1878–9, respectfully report that they have carefully examined the Treasurer's accounts and have found them correct, properly cast and with proper vouchers and warrants. In view of the severe criticism to which our Treasurer has been subjected during the past two years we think it but right to say that a marked improvement has undoubtedly been made in the method of keeping the town's accounts. The books were well started at the beginning of the year under the guidance of Mr. Prescott, and a fairly successful effort has been made to keep them in accordance with the views expressed in the Auditors' report of last year.

The examination of the books shows that there has been received from collection of taxes and miscellaneous sources, $409,798.22, which with $50,345.62, amount on hand at the beginning of the financial year, gives a total of $460,143.84. The payments have been $434,245.75. The balance of cash on hand called for by the books is represented by,

Cash in National Market Bank of Brighton,	$21,374 99
Cash in Third National Bank of Boston,	2,784 90
Pay-rolls for February,	900 86
Vouchers and cash in drawer,	837 34
Total,	$25,898 09

At the beginning of the financial year the unpaid taxes for the past six years were :

	For 1872.	For 1873.	For 1874.	For 1875.	For 1876.	For 1877.	For 1878.
	$132.73	$656.65	$696.05	$478.80	$5,482.28	$17,305.75	$.....
Received during year.			2.00	112.92	4,551.88	9,878.50	
Leaving unpaid at end of year.	$132.73	$656.65	$694.05	$365.88	$930.40	$7,427.25	$14,058.59

During the past year notes of the town have been paid to the amount of $29,000. By vote of the town July 17th, $5,000 was borrowed for one year; so that the town debt now stands at $1,444,350. The amount of the Sinking Fund is $136,000, which deducted, leaves the net debt of $1,308,350.

Notes of the town mature during the coming year as follows :

To Richardson, Hill & Co., due July 17, 1879,	$5,000 00
State Mutual Life Assurance Co., due Aug. 15, 1879,	5,000 00
Hopkinton Savings Bank, due Aug. 17, 1879,	5,000 00
Mrs. R. Lewis, due Aug. 17, 1879,	4,000 00
Cape Ann Savings Bank, due Aug. 19, 1879,	25,000 00
Commonwealth of Massachusetts, due Oct. 15, 1879,	16,000 00
Total,	$60,000 00

The Treasurer's accounts with the Trustees of the Walnut Hills Cemetery and of the Warren Tree Fund have also been examined by us and found to be correct and as reported by him.

In comparing the reports of the Water Registrar and Town Treasurer it must be borne in mind, as was pointed out by the Auditors of last year, that the financial year of the town is from February 1 to January 31, inclusive, while that of the Water Board is from January 1 to December 31, inclusive.

A comparison of the receipts from Water Rates with the expenses of the maintenance of the Water Works and items charged directly to the Water Rates will show that the revenue from the Water Rates is now more than enough to pay all the cost of maintaining the works and the incidental expenses of the Water Board, so that practically no money is raised by taxation for these purposes.

We have also examined the accounts and securities of the Commissioners of the Sinking Fund and find them as stated in the report of the Treasurer.

In 1874 the town adopted the following By-Law: "No member of the Board of Selectmen or any officer appointed by the legal voters of the town, authorized to make any contract or agreement in behalf of the town for labor, materials, goods, wares or merchandise furnished to the town, or for a loan of money, shall be interested in a private capacity, either directly or indirectly in such contract, agreement or loan; nor shall either, directly or indirectly, for himself or for any other person receive any commission, discount, bonus, present or reward from the persons making such sale, loan, contract or agreement, or furnishing such materials, goods, wares and merchandise."

From the Treasurer's report it will be seen that this By-Law has been practically disregarded, although still supposed to be in force. The warrants or orders on the Treasurer are signed by a majority of the Selectmen; but in several cases we found one of the majority to be a member directly interested in the contract, for the payment of which the order was drawn; a practice certainly not to be commended, and to which we think the attention of the town ought to be called.

The following table gives the recommendations for appropriations for the coming year, and the expenditures for the same accounts the previous year:

OBJECT OF APPROPRIATION.	Appro'tion Recommended	Expended Last Year.
Abatement of Taxes	$5,000 00	$2,217 62
Assessors, including Clerk hire	2,000 00	2,000 00
Auditors	150 00	
Cemetery, old	200 00	171 00
Cemetery, Walnut Hills, Clerk of Trustees	150 00	150 00
Clerk of Selectmen and Overseers of the Poor	350 00	350 00
Construction of Brook Street and sewer, and the two short streets, and 600 feet 12 inches sewer in Aspinwall Avenue	41,775 50	
Contingencies	8,000 00	6,662 39
Decoration Day	300 00	300 00
Evening School	200 00	154 50
*Fire Department, and watering streets in two districts and care of two police horses	7,000 00	5,465 29
New hose carriage	600 00	
New hose, 1,000 feet	1,000 00	
Four hydrants on Boylston Street	350 00	
Health Department	1,000 00	999 39
Highways	14,000 00	†15,331 10
Highways, removing snow from sidewalks	2,000 00	
Interest on Town Debt	92,250 00	94,036 53
Library	4,000 00	4,000 00
Library, Librarian's salary	1,200 00	1,200 00
Lighting Streets	11,000 00	10,820 19
Overseers of Poor	1,000 00	857 12
Poor, support of	6,000 00	6,009 05
*Police	13,000 00	12,932 21
Plans for construction of sewer system for the town.	1,500 00	
Repairs of town buildings	1,800 00	‡891 71
Ringing Bell	175 00	165 00
Raising St. Paul Street to grade	400 00	
*Schools	§ 36,000 00	‖ 36,144 32
Schools, ventilation of	1,000 00	
School buildings, improvement of	1,100 00	
Selectmen	2,000 00	1,600 00
Sewers, care of	2,500 00	1,613 97
Sidewalks, especially Boylston, Brighton, Beacon, Winchester, Dudley and Warren Streets	2,750 00	1,511 64
Sidewalks, repairing plank walks	500 00	
Sidewalks, repairing concrete walks	750 00	
Sinking Fund	63,600 00	58,600 00
Soldiers, Disabled, and Families of Deceased	500 00	134 00
State Aid	800 00	620 00
Superintendent of Streets	1,200 00	1,200 00
Tax, County		23,433 49
Tax, State		15,810 00
Town Clerk	450 00	450 00
*Town Hall, lighting and care of, and Janitor	2,000 00	1,992 53
Treasurer and Collector	2,000 00	2,000 00
Water Works, extension of	2,500 00	9,314 99
Water Works, additional boiler at pumping station	2,000 00	
Water Works, maintenance of	7,000 00	7,212 43
*Watering Streets	4,000 00	4,994 17

*Exclusive of water. †Including removing snow from sidewalks.
‡Exclusive of interior repairs on schools. §Exclusive of interior repairs.
‖Inclusive of interior repairs.

The expenditures on account of Schools and of Sidewalks, have exceeded the appropriations therefor—the former $530.32 and the latter $11.64.

We have reduced the appropriations for Highways, Removing snow from sidewalks, Lighting Streets and for Care of Town Hall, from the estimates of the Selectmen, to about what they were last year, thinking that the amounts we have recommended should be sufficient in view of the urgent need of retrenchment in the expenditures of the town.

ALBERT L. LINCOLN, Jr.,
HORACE D. CHAPIN,
WILLIAM D. COOLIDGE,
} *Auditors.*

REPORT

OF THE

SELECTMEN, SURVEYORS OF HIGHWAYS

AND

BOARD OF HEALTH,

FOR

THE YEAR ENDING FEB. 1, 1879.

ANNUAL REPORT.

The Selectmen, Surveyors of Highways and Board of Health, chosen at the annual meeting held March 26, 1878, respectfully report that they organized by the choice of Wm. I. Bowditch as Chairman, and Charles D. Lincoln as Clerk or Secretary, and the following standing committees were appointed:

On auditing accounts, Mr. Lawrence.
On fire department, Messrs. Bowditch and Lawrence.
On health, The full Board, Mr. Edgerly being special agent.
On police, Messrs. Lawrence and Edgerly.
On repairs and care of public buildings, Messrs. James and Edgerly.
On public grounds, Messrs. Bowditch and James.
On sewers, Messrs. Whyte and James.
On the lateral sewers, Messrs. Lawrence, James and Whyte.
On street lamps, Messrs. Lawrence and Whyte.
On Town Hall, Mr. Whyte.
On town stable, Messrs. James and Whyte.

Wm. D. Coolidge has been keeper of the Northern, Francis H. Bacon, keeper of the Southern hay scales, and Willard Y. Gross has been Janitor of the Town Hall during

the past year. Alpheus Trowbridge, J. W. Hill and John E. Cousens were appointed weighers of coal.

Elijah S. Holmes was licensed to keep a billiard saloon for one year from April 1.

April 1. The bond of Willard Y. Gross as constable was examined and approved.

April 17. George R. Rogers was authorized to lay a trench drain across Perry street, opposite his estate, for the purpose of draining the same into a cesspool on private lands on the south side of Perry street, the work to be done to the satisfaction of the Superintendent of Streets.

June 3. We awarded to Cousens Bros., the contract for furnishing coal for the town buildings at $4.88 a ton for furnace coal, and $5.00 for stove coal, they being the lowest bidders.

June 10. The House of the Angel Guardian, Boston Highlands, was designated as a suitable institution to which truant school children might be sent.

Sept. 14. George E. Everett was licensed as an auctioneer for one year from date.

Oct. 21. The contract for building the two short streets leading from Aspinwall avenue to Brook street, was awarded to James Driscoll, he being the lowest bidder.

We have settled all the claims for land damage growing out of the construction of the main sewer, except only the damages awarded by us to Isaac Taylor or some person or persons unknown to us, $200.

CLAIMS AGAINST THE TOWN.

Charles H. Drew, Esq., gives the following account of the condition of the suits of which he has charge:

William Aspinwall and others, trustees, vs. the Town of Brookline.

This suit has been discontinued, the bill in equity brought by the complainants having been dismissed without costs.

Mary W. Gardner against the Town of Brookline.

This case was tried before the Superior Court for the County of Suffolk on the 20th, 21st, 22d and 25th of March, 1878, and a verdict was rendered against the town of $12,152.58. A motion for a new trial was filed by the counsel for the town on the ground of excessive damages, and was argued on the 29th of March. The motion was granted, the verdict set aside, and a new trial ordered. The second trial took place on the 24th, 25th, 26th and 29th of April, 1878, and resulted in a verdict for the petitioner for $8,119. As this included interest for nearly three years, the verdict was less than had been previously offered to the petitioner for a settlement, namely: three hnndred dollars per acre for the twenty-four acres of land taken from her by the town, with interest from the time of taking. A motion for a new trial was filed by the counsel for the petitioner, inadequate damages being the reason alleged for the motion. The motion was heard on the 10th of May, and was overruled by the court. Exceptions to the ruling of the court on certain questions of law were taken by the petitioner, and are now pending in the Supreme Court. It is expected that they will be argued in March of this year.

Enoch Joy against the Town of Brookline.

This case, which is a petition for assessment of damages caused by the taking of land for the construction of water works, was tried in September last, before commissioners appointed to hear the parties and assess the damages. The commissioners assessed damages in the sum of $432 and interest. Mr. Joy is dissatisfied with this award and will probably bring the case before a jury.

Aaron D. Weld against the Town of Brookline.

The two suits of Mr. Weld against the town were heard before commissioners appointed to assess damages, who awarded the sum of $1,025 and interest.

A. C. Wiswall, the Newton Mills, the Boston Manufacturing Co., Richard T. Sullivan and another, the Dudley Hosiery Co., Wm. Perkins and another, E. A. Hollingsworth and others, F. W. Rice, G. W. Walker and another, C. T. Crehore, G. E. Ellis and another, the Ætna Mills, W. S. Cordingley and another, against the Town of Brookline.

These thirteen suits brought by mill owners on Charles River against the town for damages for an alleged taking of water from the river, are pending in the Supreme Court on exceptions taken by the town to the *pro forma* ruling of the Superior Court that the petitioners were entitled to damages. The exceptions will probably be argued in March next.

The Merchants Woolen Company, the Smithfield Manufacturing Company, Josiah Webb, F. D. Tileston and another, H. L. Pierce, Franklin D. Tileston, Tileston and Hollingsworth, Baker and another, against the Town of Brookline.

These are nine suits brought by mill owners on Neponset River and Mother Brook for damages for an alleged taking of water from Charles River. No action has been taken in these cases since the answers were filed, and it is expected that if the decision in the cases of the owners of Mills on Charles River shall be favorable to the town that the suits will be discontinued.

Moses Williams, Jr., Esq., gives the following account of the condition of the suits of which he has had charge:

The case of *M. K. Chase and another vs. the Town of Brookline*, referred to in the last town report as one in which a decision had been made by the auditor in favor of the town, was placed upon the trial list of the Norfolk Superior Court at April term, 1878, and when the action came up for trial the plaintiffs consented to abandon their suit, if the town would not insist upon costs against them.

It was judged wise to make this settlement and judgment without costs was entered in favor of the town.

The case of *James B. Hand vs. Town of Brookline*, in which a verdict for $3,125 was rendered against the town at October term, 1877, of Norfolk Superior Court, and which was argued before the full bench of the Supreme Judicial Court, upon questions of law raised by the town in January, 1878, has not yet been decided by the court, though a year has elapsed since the argument.

The questions raised are novel and important and it is impossible to say how much longer time will be required by the court before rendering its decision.

CYPRESS STREET STATION.

Since our last annual report the Railroad Commissioners have done as we feared they would. Their last decree is as follows:

Ordered, That the station building erected by the New York & New England Railroad Company on Cypress street in Brookline, under the order of this Board of July 2, 1877, is hereby approved, and on and after February 18th trains will stop at the said station in compliance with the terms indicated in a communication addressed to the counsel for said corporation, of December 13, 1877, to wit: all way trains on the time-table will stop and all through trains will be relieved from stopping. In stopping, train engineers and conductors will exercise particular care that no portion of any passenger car is stopped in front of the station building proper, until such time as the same can be moved back to a distance of at least seven (7) feet further than it now stands from the railroad track.

This approval is also given with the distinct agreement on the part of the corporation that such station shall be

moved back from the track and placed over the town brook immediately south of it, in such manner as this Board shall approve or prescribe, within a reasonable time after the consent thereto of the Town of Brookline can be obtained.

As stated in our last report the Railroad Commissioners ordered the corporation (July 2, 1877), to build the station at Cypress street solely on the ground that the corporation was bound by contract to build it. The only contract that was offered in evidence was one which obliged the corporation not merely to build a station at Cypress street but also to stop all the trains at that point. Pursuant to this original intention, land amply sufficient for a convenient station was taken by the original corporation and now stands wholly unused, and the corporation urged in mitigation of the claims for land damages that it was bound and intended to build a station and stop all trains.

When we consider these facts and read the last order of the commissioners approving the present building, unsafe and insufficient as it is, and as they evidently consider it to be until such time as the town will at its expense make it more convenient and safer, and expressly authorizing the corporation to refrain from stopping any train which it may please to call a through train, although the contract obliged the corporation to build a convenient station on its own land, and to stop all the trains, we can only say that the commissioners have failed to do their duty.

It is only another striking instance (in a small way to be sure) of the power of railroad corporations to evade doing anything but what they wish to do, even in cases of express contract.

FINANCES.

During the past year 1,015 orders have been drawn against the several appropriations as follows:

Object of Appropriation.	Amount of each Appropriation.	Expended.	Balance Unexpended.
Abatement of Taxes	$5,000 00	$2,217 62	2,782 38
Auditors	30 00		
Assessors	2,000 00	2,000 00	
Cemetery, Old	200 00	171 00	29 00
Cemetery, Walnut Hills, Clerk of Trustees	150 00	150 00	
Contingencies	8,000 00	6,662 39	1,337 61
Decoration Day	300 00	300 00	
Fire Department	5,500 00	5,453 30	46 70
Health Department	1,000 00	999 39	61
Highways	16,000 00	16,000 00	
Interest on Town Debt	94,000 00	93,349 03	650 97
Library	4,000 00	4,000 00	
Librarian	1,200 00	1,200 00	
Lighting Streets	12,300 00	10,820 19	1,479 81
Lighting St. Paul Street and a lamp cor. of Morss Avenue and Walnut Street	300 00	150 74	149 26
Overseers of Poor	1,000 00	857 12	142 88
Police	13,000 00	12,932 20	67 80
Poor, Support of	*6,213 50	6,026 05	187 45
Ringing Bell	175 00	165 00	10 00
Schools	35,000 00		
School, Evening	200 00		
School, New, in Francis Street School-house	300 00		
Selectmen	2,000 00	1,600 00	400 00
Sewers, care of	†1,613 75	1,613 97	
Sewer, main, construction of	3,000 00	2,943 61	56 39
Sewers, Lateral	17,034 00	17,017 02	16 98
Sidewalks	1,500 00	1,511 64	
Sinking Fund	58,600 00	58,600 00	
Soldiers, Disabled, and Families of Deceased Soldiers	500 00	134 00	366 00
State Aid	800 00	620 00	180 00
Superintendent of Streets	1,200 00	1,200 00	
Tax, County	23,433 39	23,433 39	
Tax, State	15,810 00	15,810 00	
Town Buildings, Repairs of	1,000 00	891 71	108 29
Town Clerk, Clerk of Selectmen and of Overseers of Poor	800 00	800 00	
Town Hall, care of, Janitor, and Lighting	2,000 00	1,996 14	3 86
Treasurer and Collector	2,000 00	2,000 00	
Watering Streets	5,000 00	5,005 67	
Water-works, extension of	9,485 00	9,314 99	170 01
Water-works, maintenance of	7,250 00	7,212 43	37 57

* Including amount received from State $5 00
" " " Boston 208 50
$213 50

† Including amount received for entering 113 75

From Water Receipts:

For paying Patrick O'Neill damages to his land by filling the ditch crossing it,	$152 96
Paid Charles H. Drew and Roland C. Lincoln, counsel, and S. Dana Hayes and E. S. Philbrick, experts, and costs in defending suits against the town,	1,302 25

From any unappropriated or unexpended balances in the treasury, as follows:

For construction of Brook street, and two short streets leading into it, and paying land damages,	5,412 37
Engineering expenses incurred for surveys, plans, and estimates, for lateral sewers, for sewerage to relieve Aspinwall brook, and Thayer place sewer,	1,961 66
Auditors of 1877,	150 00
Aid furnished to needy soldiers under the Acts of 1878, Chap. 282,	443 56

The permanent debt of the town stands as follows:

The gross amount Feb. 1, 1878, was,	$1,468,350 00
We have paid off during the year	29,000 00
Leaving the gross amount Feb. 1, 1879,	$1,439,350 00
Deducting from this the value of Sinking Fund, worth now at current rates, about	136,000 00
Leaves net permanent debt of town, Feb. 1, 1879,	$1,303,350 00
The net permanent debt, Feb. 1, 1877, was,	1,310,947 75

So the permanent debt has decreased since Feb. 1, 1877,	$7,597 75
We have however borrowed last July in anticipation of the taxes for the coming year,	5,000 00
So that the real decrease of debt amounts to only	$2,597 75

But it should be borne in mind that during the last two years we have expended in the construction of Sewers $160,000.

During the next year there will fall due of the permanent debt:

Aug. 15,	$5,000	bearing	6½	per cent.	interest,
17,	5,000	"	"	"	"
17,	4,000	"	"	"	"
19,	25,000	"	"	"	"
Oct. 15,	16,000	"	6	"	"
	5,000	temporary loan as above stated.			
	$60,000	as the whole amount of debt payable the coming year.			

FIRE DEPARTMENT.

To the Board of Selectmen of the Town of Brookline:

The Fire Department contains the same number of companies and apparatus as last year, although each company has been reduced in numbers, owing to reduced appropriation.

They are as follows: Hose Company No, 1, located in brick house corner of Washington and High streets, and has eleven (11) men. Steam Fire Engine located in same house, is run in connection with Hose Company No. 1, and has a call Engineer and Fireman. Hose Company No. 2, located in brick house on Washington street opposite the Town Hall, has eleven (11) men. Hook and Ladder Company No. 1, located in same building, has thirteen (13) men. A reduction on all of the companies of five (5) men from last year.

APPARATUS.

Hose Carriage No. 1 is in a very poor condition; in fact it is actually unsafe. It was a second-hand carriage when purchased by the town some twelve or thirteen (12 or 13) years ago, and being a hand-carriage, never was intended for the service it now has to perform, it having been changed to a horse-carriage. It is in such a condition that the present Board of Engineers feel that it would be money actually thrown away to attempt to repair and put in good condition, and would recommend that the sum of $600 be appropriated to purchase a new carriage to replace the same.

Hose Carriage No. 2 is in good condition, and with slight repairs from time to time, will last the town for years. Hook and Ladder Carriage No. 1 was built at the same time as Hose Carriage No. 2; is in good repair. Steam Fire Engine No. 1 has been in the Department since 1874, and a few repairs would put it in as good a condition as it was the day it was delivered. At the time the Steamer was purchased, it was almost impossible for the Fire Department to cope with any kind of a fire in any part of the town, on account of the scarcity of water, but since the introduction of water into the town from Charles River, the territory located within the limits of Sewell, Cypress, Washington and Beacon streets can be controlled by the hydrants,

the pressure of which, would be sufficient to cope with almost any fire that might occur; but we must take into consideration, that should a fire of great magnitude get under headway in the thickly settled parts of this territory, the strain brought to bear on the hydrants would weaken the pressure to such a degree, that we should be obliged to use the Steamer, also, perhaps, ask the assistance of Boston. The buildings located outside of the streets mentioned, are mostly on high grounds, and consequently the hydrants are almost worthless without the use of a Steamer, and in the opinion of the Engineers, the Steamer should be placed where it is mostly needed, which consequently would involve the expense of a small house somewhere in the vicinity of the Heath Street School-house.

HORSES.

We report the same number as last year—four of the six horses have been employed from the first of May to the first of November watering streets; the other two horses which were located in different houses could not very well be brought into any service on the streets.

PERMANENT MEN.

This year there has been one more permanent man appointed in consequence of the arrangements made with the Selectmen. On the first of May we found it was impossible for us to run the Department and keep it in a condition to handle any fire that might occur in town, and keep within our appropriation, and we will state here that it is our desire to do all we can to help reduce expenses, although we wish the citizens would not be too hasty in reducing our appropriations, and at the same time expect to be well guarded against fires. On the first of May, finding we were unable to pro-

perly protect the town in case of fire, we made the following arrangements with the Selectmen. That we would put both pair of our horses on the watering carts if they would feed and drive one pair; also we agreed to give up some of our stable room so that they might build stalls, in which police horses could be kept in our houses which was a great saving to the town; and further to accommodate the town and help them reduce their expenses, we gave up to the School Committee the largest part of one of our engine-houses for school-rooms, and consequently when our drivers were on the streets watering, we had to have an extra man to take care of the remaining horses and police horses. We would also say that we not only reduced the numbers of each of the companies, but we reduced the pay of the permanent and call men 25 per cent. In the future we would like to have it so consolidated that we could have our appropriation made large enough to water the same districts, and feed and take care of the police horses without having things as mixed as they have been the past year.

HOSE.

The amount of hose in the Department is as follows:

Boyd's cotton hose 2,900 feet in fair condition, but not to be relied upon in all cases; of this 2,900 feet, 900 feet have been damaged and repaired the past year, 1,000 feet leather hose which was bought in 1871 and consequently has seen considerable service, 250 feet of leather hose which we do not dare to use unless we are forced so to do when some is being repaired. We would recommend that the town purchase 1,000 feet of hose, and that $1,000 be appropriated for that purpose.

BUILDINGS.

The building situated at the corner of Washington and High streets was built in 1870, and has not had any money

of any account laid out on it for repairs, but this year it will be necessary to replace the floor in lower story and should have the finish oiled and some painting done. The building on Washington street needs oiling and painting, with a few repairs in the stable. And we would recommend that the sum of $300 be appropriated for these purposes.

HYDRANTS AND RESERVOIRS

Are the same as last year, with the addition of thirteen new hydrants in different parts of the town, making in all one hundred and fifty-four hydrants and nine reservoirs. The reservoirs are all in good condition except the one at the corner of Kent and Colchester streets, which still leaks. There are nine hydrants on the line of the Boston mains; of this number five are on Boylston street, between Cypress and High streets, and there are none on the Brookline pipes. Should any accident happen to the Boston mains, or the authorities have them shut off for any purpose, which they are liable to do, there would be a thickly settled territory entirely unprotected in case of fire. We would recommend that the Brookline Water Board be instructed to place four hydrants on the line of their pipe on Boylston street, which would not only protect the property on said street but would have to be relied upon to protect White place where there are no hydrants, and only 1½ inch water main. The expense would be about $350.

FIRES.

The town has been remarkably fortunate in regard to fires this last year, but the citizens must take into consideration, that some parts of this town are fast building up, and of such material, and the manner in which the buildings are being built, also their close proximity to each other, should

a fire get well under way, they might be called upon to witness a disaster such as has befallen a great many other places. It is but just to say, that had a number of fires occurred during the past year, the Board would have found it impossible to have kept within their appropriation, with the practice of the most rigid economy.

APPROPRIATIONS.

Taking into consideration the interests of the town, we would recommend the following appropriations:

For the current expenses of the Fire Department, watering the same two districts as last year, and care of Police horses, the sum of	$7,000 00
New Hose Carriage,	600 00
1,000 feet new hose,	1,000 00
Repairs on buildings,	300 00
4 new hydrants on Boylston street,	350 00

ACKNOWLEDGMENTS.

We desire to extend our thanks to Chief Bowman and the men under his charge, for the manner in which they have aided us in preserving order at fires, and in preventing false alarms. Also to the Committee on Fire Department, our thanks are due for the manner in which they have aided us through the past year. Finally to the officers and members of the different companies, our thanks are due for the promptness with which they have responded to the alarms, and the courtesy and gentlemanly like manner they have shown while on duty.

G. H. JOHNSON,
ANDREW NOLAND,
A. E. KENRICK,
} *Board of Engineers.*

GUIDE BOARDS.

Guide Boards are placed and maintained as follows; Mr. Driscoll thinks some repairs may be required this year.

One at junction of Warren and Walnut streets, "To Jamaica Plain," "To Reservoir."

One at junction of Cottage and Warren streets, "To Jamaica Plain."

One at junction of Brighton and Boylston streets, "To Chestnut Hill Reservoir."

One at junction of Rockwood street and Goddard avenue, "To Jamaica Plain."

One at junction of Hammond and Boylston streets, "To Oak Hill, West Roxbury and Dedham."

One at junction of Hammond and Heath streets, "To Chestnut Hill Reservoir."

One at junction of Warren and Clyde streets, "To Dedham," "To Walnut Hills Cemetery."

One at junction of Walnut and High streets, "To West Roxbury and Dedham."

One at junction of Boylston and High streets, "To Jamaica Pond and to Newton Upper Falls."

One at junction of Boylston and Cypress streets, "To Newton."

One at junction of Walnut and Cypress streets, "To Jamaica Plain."

One at junction of Hammond and Newton streets, "To Chestnut Hill Reservoir."

One at junction of South and Grove streets, "To Dedham," "To Brighton," "To Dedham Court House five miles."

One at junction of South and Newton streets, "To Newton," "To West Roxbury."

One at junction of Grove and Newton streets, "To Walnut Hills Cemetery."

One at junction of Newton and Clyde streets, "To Dedham and Jamaica Plain."

One at junction of Clyde and Newton streets, "To Brookline and Reservoir."

One at junction of Harvard street and Longwood avenue, "To Boston Highlands."

One at junction of Essex street and Brighton avenue, "To Cambridge," "To Brighton."

One at junction of Washington and Boylston streets, "To Brighton."

One at junction of Harvard and Beacon streets, "To Cambridge and Cambridgeport."

One at junction of Beacon and Harvard streets, "To Chestnut Hill Reservoir and Newton Centre" (on a tree).

One at junction of Beacon and Washington streets, "To Boston and to Newton Centre."

HEALTH.

James W. Edgerly agreed to act as special agent of the Board without pay and he makes the following report of our doings the past year:

A contract was made with Francis Mealey for the removal of house offal for one year from May 1, 1878, for the sum of $200.

Thomas S. Pettengill was appointed funeral undertaker for one year from April 1, 1878.

Licenses were granted to twenty-two persons to collect bones and grease from house to house in the town, with the condition that once a month each license should be presented to the Chief of Police for his endorsement.

Fourteen complaints against citizens for maintaining nuisances on their premises, mainly consisting of defective vaults were investigated, and the nuisances ordered to be abated. No prosecutions have been necessary during the past year, as the citizens generally have cheerfully complied with the orders of the Board.

TIDE-GATE AT BROOKLINE AVENUE.

The tide-gate has been attended the past season by J. W. Steere, and no formal complaint has been made of any offensive smell from the channel of Muddy River during the year. The expense of attending to the duty was $10 per month.

DEATH RATE.

The whole number of deaths reported for the year ending January 1, 1879, is 93. From diphtheria, 4; scarlatina, 1; typhus fever, 1.

CONTAGIOUS DISEASES.

Under Chap. 26 of the General Statutes requiring notice to the Board of Health of cases of contagious diseases, by householders and physicians, there have been reported for the year ending January 1, 1879, only 34 cases; 41 cases less than for the previous year. Of these, 19 were diphtheria and 15 scarlet fever, occurring as follows:

	Diphtheria.	Scarlet Fever.
January,	2	4
February,	1	4
March,	7	0
April,	0	4
May,	1	2
June,	0	0
July,	0	0
August,	4	1
September,	1	0
October,	0	0
November,	1	0
December,	2	0
	19	15

Of diphtheria 4 cases occurred in Boylston street, 2 in Brighton avenue, 2 in Beacon street, 2 in White place, 3 in Washington street, 1 each in Harvard, Heath, School, Monmouth court, Davis avenue and Walnut street; and of scarlet fever, 2 in Harvard street, 2 in Walnut street, 2 in Avon street, and 1 each in Ridgeway, Pleasant, Brighton, Pearl, Boylston and Clyde streets, and 1 each in Linden place court, Harrison place and Davis avenue.

KEEPING SWINE.

Petitions have been presented for permission to keep swine within the distance from the street prescribed in the By-Laws of the town; but leave has been granted only in one case, on Brookline avenue, remote from dwellings.

TOP-DRESSING OF LAWNS.

The recommendation of the last Board to the citizens in regard to offensive and improper top-dressing for lawns has been generally adopted, and a practice so detrimental to comfort, if not to health, has for the past year been quite rare.

GENERAL REMARKS.

The attention which has been paid to the matter of the public health in the past, and probably owing in some measure to the introduction and general use of pure water and the extension of improved sewerage, seems to have borne legitimate fruit in the reduction of the death rate, and in the occurrence of cases of contagious diseases.

The public mind seems to be awakened to the necessity of a reformation of many existing evils prejudicial to health, and no doubt, before long, a greater improvement will be visible, without oppressive or arbitrary action on the part of those to whom the execution of the laws is committed.

HIGHWAYS.

The Highways Districts were assigned as follows:

District No. 1 assigned to Mr. Lawrence, consists of

Beacon street from Boston line to Pleasant street, Pleasant street, Longwood avenue, Kent, Colchester, Carlton, Ivy, Essex, Mountfort, Prescott, St. Paul, north of Longwood avenue, Monmouth, St. Mary's and Green streets and Monmouth court.

District No. 2 assigned to Mr. Whyte, consists of

Beacon street from Pleasant to Washington street, Harvard, Winchester, Park, Marion, Vernon, Alton, St. Paul, south of Longwood avenue, Francis, Toxteth, Perry, Holden, Prospect, School and Pierce streets, and Summit, Harvard and Aspinwall avenues.

District No. 3 assigned to Mr. James, consists of

Washington street from Boylston street to Brighton line, Beacon street from Washington street to Brighton line, Cypress street from Boylston street to Washington street, Boylston street from Cypress street to Newton line, Tappan and Brighton streets, and Davis, Gorham, Fisher and Englewood avenues.

District No. 4 assigned to Mr. Edgerly, consists of

Boylston street from Cypress street to Washington street, Walnut street from Cypress street to Washington street, Washington street from Boylston street to Boston line, High, Irving, Pearl, Emerald, Flora and Juniper streets, and Brookline, Pond, Morss and Walter avenues.

District No. 5 assigned to Mr. Bowditch, consists of

Walnut street from Cypress street to Boylston street, Cypress street from Boylston street to Chestnut street, Sewall, Chestnut, Warren, Dudley, Heath, Pond, Hammond, Grove, South, Newton, Clyde, Cottage and Avon streets, and Goddard avenue.

Michael Driscoll was re-appointed Superintendent of Streets, and the following report will give the particulars of the labor done and amount expended in this department.

OFFICE OF THE SUPERINTENDENT OF STREETS,
TOWN HALL, BROOKLINE, Feb. 3, 1879.

To the Board of Selectmen:

GENTLEMEN,—The undersigned respectfully submits the following report of the work done and the expense incurred in the Highway department for the year ending February 1, 1879.

The amount appropriated at the annual meeting for the support of Highways, was $16,000. The amount expended was $16,596.54; the amount expended over the appropriation was charged to Contingencies; the details of expenditure are as follows:

Aspinwall avenue, patching,	$5 38
Beacon street, underdrained, gutter repaved and street macadamized from Marion street to Summit avenue; underdrained 800 feet at head of Tappan street; gutter paved opposite W. H. Hills; gravelled and repaired,	878 45
Boylston street, 1,065 feet fence built near Hammond street; widened and repaired,	245 75
Brookline avenue, repaired with broken stone, etc.,	124 48
Chestnut street, culvert extended at town line, repaired,	31 83
Clyde street, repaired,	5 62
Cleaning street crossings,	95 25
Cleaning gutters, streets and sidewalks,	2,202 02
Colchester street, repairs on sewer trench,	12 75
Cottage street, picked over and gravelled; macadamized in part,	170 37
Crossings, labor and materials on new crossings, sundry repairs on old crossings,	251 62
Cutting grass on sundry streets,	45 24
Cypress street, new catch basin built at corner of Tappan street, etc.,	49 44
Davis avenue, repairs on sewer trench, etc.,	21 38
Dudley street, macadamized at easterly end; repaired,	43 44
Fairmount pit, carting stone to crusher; blasting out and crushing stone, etc.,	1,302 47
Fisher avenue, gravelled,	79 99
Amount carried forward,	$5,565 48

Amount brought forward,	$5,565 48
Francis street, gutter paved at corner of Toxteth street,	18 75
Goddard avenue, macadamized portion ; gravelled new part ; driveway paved, etc.,	403 81
Grove street, roadway widened and repaired,	51 94
Hammond street, macadamized near Newton street gravelled from thence to Boylston street,	267 15
Harvard street, picked over and gravelled from town line to Babcock street and from Beacon street to Sewall avenue ; resetting curbstones at corner Andem place ; repairs, etc.,	683 77
Heath street, gravelling portion; taking up, cleaning out and relaying 10 inch pipe at Aug. Lowell's ; repaving gutter ; repairs,	231 81
High street, gravelling and repairing,	63 39
Horses and Stable, care and maintenance, including hostler's wages, repairs of carts, harnesses, etc., board of Superintendent's horse, etc.,	2,252 43
Holden street, picked over and gravelled,	44 50
Irving street, gutter paved, picked over and gravelled around church and down to Pond avenue ; repaired,	186 94
Ivy street, picked over and gravelled,	88 51
Kent street, repaired,	6 00
Longwood avenue, repairs on fence and street,	18 96
Miscellaneous work, not included in other streets,	431 57
Newton street, macadamized in several portions ; gravelled and repaired,	436 64
Painting carts, wagons, sleds, etc.,	31 96
Pearl and Emerald streets, gutters paved ; streets and square gravelled ; sewer trenches repaired etc.,	305 72
Amount carried forward,	$11,089 33

Amount brought forward,	$11,089 33
Perry street, repaired,	5 37
Picking off loose stones,	43 32
Pierce street, trees removed ; sidewalk made ; edgestones set and gutter paved at corner Harvard street ; picked over and gravelled,	134 75
Pleasant street, repaired,	48 18
Pond avenue, bank wall and fence built, edgestones set and gutter paved at corner of Washington street ; macadamized near school-house ; gravelled near Willow Pond ; repaired,	300 84
Prescott street, repaired,	21 74
Prospect street, macadamized from Washington to Pierce street ; gravelled to School street,	79 24
Pruning trees,	34 25
Repairing sundry streets, not elsewhere included,	264 58
Snow, removing snow and ice, levelling and breaking out roads, opening gutters, sanding sidewalks, &c., &c., in 1878, $1,275.25 ; in 1879, $575.31,	1,850 56
South street, repaired,	24 62
St. Paul street, repaired,	22 28
Stable lot, walling in and covering brook, &c.,	60 94
Tools, repairs and sharpening, new tools, &c.,	410 63
Walnut street, catch basin, edgestones and gravelling at corner of Village lane ; macadamized from Chestnut to Cypress street ; gravelled from Chestnut to Warren street,	214 95
Warren street, macadamized portion,	52 26
Amount carried forward,	$14,657 84

Amount brought forward,	$14,657 84
Washington street, edgestones on northerly side reset, gutters and crossings repaved, horse railroad track raised, and street macadamized from Walnut street to Pond avenue; Harvard square macadamized and paved around fountain with small granite blocks; sundry repairs,	1,114 59
Water pipes, trenches repaired,	16 19
Watering streets, village route,	58 33
Winchester street, macadamized and gravelled from town line to Second street,	568 03
Sidewalks, making and repairing gravel walks on sundry streets, not included elsewhere,	181 56
Total amount expended,	$16,596 54

The value of the work done by the teams for other departments was $566.63; the whole cost of keeping the horses was charged to the support of highways, and the department ought therefore to be credited with this amount, making the actual expenditure $16,029.91.

About four hundred dollars worth of material prepared last season, is still on hand.

Broken stone have been used in the repairs, except where the amount of gravel already on the street was sufficient, or nearly so, or where the amount of travel did not warrant the expense; in these cases the street was picked over and re-shaped, a small quantity of new material was carted on, and the whole thoroughly rolled.

The sign-boards and fences in many parts of the town, are in need of extensive repairs during the coming season.

HORSES.

The working horses owned by the town, ten in number, are in good condition with two exceptions; one bought in 1873 is wearing out rapidly, and will be worth little after another season's work; the other, received from the Police department in October, 1877, slipped her hip in going down the hill on Cottage street, with a load of broken stone, in September last, and has done no work since; she is slowly recovering, and may possibly be fit for light work in the spring, but as she was never suitable for the heavy work of at ip-cart, it is doubtful.

STREET CROSSINGS.

In addition to the usual repairs, cross-walks were laid in the following places:

One of North River stone across Monmouth court, at Monmouth street.

Ten of granite blocks and cobble stones, as follows:

One across Prescott street at Ivy street.
Park street at Vernon street.
Harvard avenue at Park street.
Carlton street at brick stable.
Irving street at Walley street.
Warren street at Dudley street.
St. Paul street at Alton street.
Cypress street at Tappan street.
" " " new Station, (south side).
Boylston street at Kerrigan place.

The supply of blocks, with which these crossings were made, is exhausted.

SIDEWALKS.

Gravel walks were made on Grove street from Newton street to the Cemetery gate; on Cypress street from Davis avenue to Tappan street; on Chestnut street from High street, on the one side, and house of Jno. J. McCormack on the other, to the town line; on High street from Summit street to southerly line of Mrs. Towne's lot; and on the northerly side of Pierce street.

Edgestones were set on the corner of Pond avenue and Washington street; corner of Village lane and Walnut street, and corner of Pierce and Harvard streets. Edgestones were reset on Washington street through the village; on Davis avenue opposite Mr. Emerson's new block; on Park street opposite T. H. Bacon's estate; on Harvard square opposite Joyce's building, and in sundry other places.

The brick sidewalks on Washington street, in front of Mrs. Mahony's building and Russell's block, and on Harvard square, in front of Joyce's building, were repaved.

The concrete walk on Carlton street, from near Ivy street to Chapel Station, received a coat of skimming; a new concrete walk was laid on Davis avenue opposite E. C. Emerson's new house; and the sidewalk on Washington street in the village, where it was damaged by the construction of the new main sewer, was mended; repairs were made on concrete walks in various places.

Plank walks were made as follows:

Cottage street, . . .	579	feet.
*Tappan street, . . .	2,857	"
Davis avenue (walk widened),	347	"
Davis avenue (new walk), .	425	"
Winchester street, . . .	100	"
Total, ...	4,308	feet.

*671 feet of this walk were paid for by Mr. Bowditch.

The board walks laid some five years ago are worn out, and even with constant patching, are dangerous; the police are very prompt in reporting defects, but as long as these walks remain, their duty in this respect will continue. On the principal thoroughfares, such, for example, as Boylston, Brighton and Beacon streets, these walks should be taken up, the sound parts cut out and relaid with new bearings, and the balance replaced with plank or gravel walks. The process could be repeated at intervals, until sidewalks of one inch boards, in the public streets, were things of the past.

The expenditure for sidewalks was as follows:

Plank walks and repairing, . . .	$781 88
Concrete walks and repairing, . . .	291 33
Brick walks, repaving, &c., . . .	232 97
Gravel walks, edgestones, and sundries,	593 03
Total, ...	$1,899 21

CARE OF SEWERS.

The street catch-basins, as heretofore, were cleaned out by the Highway Department, as were also the following: The covered channel along the B. & A. R. R., from the coal yard to the open brook west of Washington street; the open brook along the N. Y. & N. E. R. R. to the school-house lot beyond Kerrigan place; the whole of the Village sewer, and the sewer in Aspinwall avenue; several culverts were also cleaned out.

The cost was as follows:

Railroad sewer,	$195 25
Railroad brook,	33 94
Amount carried forward,	$229 19

Amount brought forward,	$229 19
Village sewer,	493 26
Aspinwall avenue sewer,	118 00
Catch-basins,	477 38
Sundries,	50 13
Total,	$1,367 96

PUBLIC GROUNDS.

The sum of $256.82 was expended in the care of the public grounds and school-house lots which amount was charged to Contingencies.

The manure from the Town Stable, and the stables of the Fire Department, instead of being sold as heretofore, has been saved and applied to these grounds with very satisfactory results, $6\frac{589}{2000}$ tons of good hay being cut and saved. The Reservoir grounds, and the sides of Fisher avenue, yielded $4\frac{305}{2000}$ tons, making a total of $10\frac{885}{2000}$ tons.

COLLECTING ASHES.

The ashes have been collected weekly throughout the town at an expense of $723.23.

The customary schedule of property belonging to the department is appended.*

Respectfully submitted,

MICHAEL DRISCOLL,

Supt. of Streets.

LICENSES TO SELL LIQUOR.

We fixed the fees for licenses of the first class to Innholders at $300. Common Victuallers at $150. For licenses of the second and third classes at $100, and for licenses of the fourth class at $50.

*The same is on file.

We granted licenses as Innholders to T. W. Dempster, and Simon P. Humphrey, and as Common Victuallers, to Thomas McCullough, Patrick M. Kelleher, Patrick Fay, Jacob Morloch, Patrick H. Cusick, James H. Curley, Margaret Crosby, John Hayes and John McCormack.

We granted a license of the second class to Michael O'Dea as a Retail Liquor dealer.

We granted licenses of the fourth class to Warren G. Currier and George W. Bird as Druggists, and to Francis H. Bacon, Thomas T. Robinson, Solomon Burt, William D. Rand and William D. Coolidge as Grocers.

The Chief of Police was ordered to prosecute all unlicensed sellers, and he was also ordered to see that the persons thus licensed continued to be really and truly Innholders, Common Victuallers and Grocers, respectively, and he was ordered to report to us forewith any failure or omission in this respect, and also any infringement of any of the licenses granted, to the end that the same might after due process be revoked.

Sept. 2. Having been notified that John Hayes had been convicted before Justice Drew of selling liquor on the Lord's day, contrary to the terms of his license, and sentenced to pay a fine and costs, and it appearing that he had not appealed, but had paid the fine and cost, his license was revoked.

Having been also notified at the same time, that John McCormack had been duly convicted before the same magistrate of the same offence, and sentenced to pay a fine and costs, from which sentence he had appealed to the Superior court, after due notice to said McCormack, and a hearing of himself and counsel, and witnesses, we revoked his license also.

Oct. 16. James McCormack was licensed as a common victualler by a majority of the Board.

LIGHTING STREETS.

The plan of lighting the streets until midnight, twenty-three nights in each month, being apparently satisfactory to the town, the contracts of last year were renewed as follows:

The gas is furnished by the Brookline Gaslight Co. in four feet burners, at $2.90 per thousand feet.

The gas lamps are cleaned, lighted, extinguished and kept in repair by Mr. John S. Woods, at 2⅛ cents per night for each lamp, his contract expiring May 1, 1879.

The Globe Gaslight Co. furnishes all materials, lights and keeps in repair the gasoline lamps, at 7½ cents per night for each lamp.

In accordance with a vote of the town at the annual meeting, two new gasoline posts were placed on St. Paul street, and one new gas post at the corner of Morss avenue and Walnut street.

The number of lamps in the town is now 468, distributed as follows:

The following list gives the number and location of all the street lamps.

PLACE.	Gas.	Gasoline.	PLACE.	Gas.	Gasoline.
Andem pl.	1		Kimball estate		5
Aspinwall av.	5		Linden pl.	5	
Auburn st.	1		Longwood av.	13	
Babcock st.	8		Marion st.	6	
Beacon st.	56		Monmouth st.	1	
Boylston st.	31	2	Monmouth pl.	2	
Brighton st.	14		Morss av.	1	
Brookline av.		3	Mountfort st.	3	
Browne st.	1		Newton st.		10
Carlton st.	4		Park st.	6	
Chestnut st.	3	2	Pearl st		5
Clyde st.	3	10	Perry st.	2	
Colchester st.	6		Pleasant st.	10	
Cottage st.		6	Prescott st.	1	
Cypress pl.	3		Prospect st.	4	
Cypress st.	8		Powell st.	1	
Davis av.	5		School st.	2	
Davis ct.	1		Searle pl.	1	
Dudley st.	5		South st.		1
Dudley st. (Longwood)	2		Still st.	1	
Englewood av.	1		St. Mary's st.	1	
Essex st.	2		St. Paul st.	6	2
Fay pl.	1		Summit st.	1	
Francis st.	4		Summit av.	12	
Freeman st.	2		Tappan st.		3
Goddard av.		7	Thayer pl.	1	
Gorham av	2		Vernon st.	1	
Grove st.		2	Village lane	1	
Harvard st	27		Walley st.	1	
Harvard av.	4		Walnut st.	14	
Harvard sq.	1		Walnut pl.	4	
Hawes st.	1		Warren st.	9	11
Harrison pl.	2		Washington st.	43	
Heath st.	12		Waverly pl.	1	
High st.	4	4	Webster pl.	1	
Holden st.	2		White pl.	1	
Irving st.	1		Winchester st.	5	
Ivy st.	4				
Kent st.	7		Total	395	73

WATERING STREETS.

We agreed to pay James Driscoll, Cornelius O'Hearn, James McBurney and Philip S. Allen each, $200 a month for watering the streets in his district.

Mr. Driscoll's district consisting of

Washington street from Park street to Brighton line.
Harvard avenue.
Beacon street from Marion street to Brighton line.
Cypress street from Washington street to Cypress place.
Park from Washington to Marion street, Davis avenue, Gorham avenue west of Cypress street.
Winchester street from Beacon street to the stable.
Marion from Park to Beacon and around the square.
Tappan street to Mr. Bowditch's house.

Mr. O'Hearn's District consisting of

Boylston street from South Primary School to Brighton street.
Brighton street to Railroad bridge.
Heath street from Warren street to Boylston street.
Warren street from Cottage street to Walnut street.
Walnut street west of Irving street.
Cypress street from Chestnut street to Boylston street.
Chestnut street from Walnut to Chestnut place.

Mr. McBurney's District consisting of

Kent street from Longwood avenue to Beacon street.
Longwood avenue.
Colchester street.
Carlton street.
St. Mary's street from Monmouth to Ivy street.
Monmouth street from Carlton to St. Mary's street.
Beacon street from Harvard, East to line.

Pleasant street.
Ivy, Prescott, Mountfort and Essex streets.

Mr. Allen's District consisting of

Harvard street from School street to line.
Francis street.
Beacon street from Harvard to Marion.
Marion street from Harvard to Park.
Park street from Marion to Beacon.
Winchester street from Beacon to stable.
Aspinwall avenue from Harvard to Toxteth.
Toxteth and Perry streets.
St. Paul's street from Aspinwall avenue to Francis street.
Kent street from Francis street to Longwood avenue.
Alton place.

The Fire Department horses with

The Town Water cart No. 1 *sprinkled*

Washington street from Boston line to Currier's Drug store.
Harvard square and the approaches to the depot, both sides.
Pearl and Emerald streets.
Boylston street to the School-house.
Walnut street to Irving street.
Irving street to High street.
Both sides of the Church and High street from Miss Searle's house to Walnut street.

and with Town Water Cart No. 2 *sprinkled*

Davis avenue to Cypress street.
Cypress street from Boylston street to Washington street.
Washington street from Currier's store to Park street.
School, Prospect, Holden and Pierce streets.
Harvard street from Harvard square to Aspinwall avenue.

POLICE.

BROOKLINE, Jan. 31, 1879.

To the Selectmen of Brookline:

GENTLEMEN,—I have the honor to submit my third annual report of the Police Department for the year ending January 31, 1879.

The regular force as now organized consists of thirteen men as follows: One Chief, one Sergeant, and eleven Patrolmen.

Chief of Police,	ALONZO BOWMAN.
Sergeant of Police,	GEO. F. DEARBORN.

Patrolmen.

BURNHAM C. CLARK,	MEARS ORCUTT,
GEO F. MARSTON,	WM. W. O'CONNELL,
PATRICK JOHNSON,	BURTON R. WILLIS,
ALBERT S. PAIGE,	THOS. J. MURRAY,
CHAS. F. BUSH,	CHAS. B. McCAUSLAND,

CHAS. H. CILLEY.

Four patrolmen are on duty by day and seven at night.

Special Police.

Thirteen persons have been appointed special police officers without pay, as follows:

W. Y. Gross, for the Town Hall.

John H. Grush, for Guild's Block and vicinity.

John E. Blaisdell, for Christ Church and the vicinity of Chapel Station.

John Ferguson, for the Stearns estates, Longwood and Sewall avenues.

William D. Morrison, for the Public Library.

Eneas Smyth, for Holyhood Cemetery.

Thomas S. Pettengill, for Walnut Hills Cemetery and Cemetery on Walnut street, and on funeral occasions.

William B. Joy, for the estate of Jordan, Marsh & Co., Washington street, and Summit avenue.

Oliver Cousens, for corner of School and Harvard streets and vicinity.

David McCarthy, for Cochituate Reservoir, on Boylston street.

Albert E. James, for the Metropolitan Railroad station and its vicinity.

John Leahy, for lower part of Boylston street.

Leonard Newcomb, for the Ward, Pierce and High Schools and vicinity.

But two changes have occurred in the department since the appointments in April last. Sergeant H. R. Head (a valuable officer) resigned in July, and officer Dearborn was appointed to fill the vacancy. Charles H. Cilley was appointed a patrolman vice Dearborn promoted.

WORK DONE BY THE POLICE.

Arrests,	275
Males,	241
Females,	34
Minors,	46

CAUSES OF ARREST.

Assault,	29
" felonious,	3
" on officer,	3
Attempt to burn a dwelling house,	2

Attempt to rescue a prisoner,	1
Breaking and entering,	3
Bastardy,	1
Common drunkard,	3
Drunkenness,	87
Disturbing the peace,	19
Fast driving,	1
Larceny,	19
Malicious mischief,	11
Swindling hotel keeper,	1
Truancy,	10
Trespass,	1
Vagrancy,	40
Violation of town by-laws, and by-laws of Board of Health,	16
Violation of liquor law,	12
Persons arrested as suspicious characters,	7
All other causes,	6
Total,	275

Fifteen persons arrested for being more or less intoxicated, were released on becoming sober.

Of the persons arrested for drunkenness, twenty-eight (28) were residents of Brookline. (Last year the number was 48.)

Number of persons committed to the Jail and House of Correction, 84.

For non-payment of fine and cost, 55.

By sentence, 24. Committed in default of bail, 5.

NATIONALITY OF PERSONS ARRESTED.

United States,	120
British Provinces and Canada,	10
Ireland,	127
England,	12

Germany,	2
All other places,	4

Number of persons applying for lodgings, 518.

Males,	491
Females,	27
Minors,	40

NATIVITY OF LODGERS.

United States,	219
British Provinces and Canada,	28
England, Scotland and Wales,	41
Ireland,	217
Germany,	11
All other foreign places,	2

MISCELLANEOUS WORK.

Accidents reported,	15
Alarms of fire "	4
Disturbances quelled,	16
Stray cattle and horses found on the streets and cared for,	10
Lost teams recovered and returned to owners,	5
Leaks in gas pipes (street mains) reported,	5
Leaks in water pipes and hydrants (street mains) reported,	13
Buildings found open at night and secured,	68
Nuisances reported,	7
Defects in streets and sidewalks reported,	88
Lanterns furnished for dangerous places on streets,	21
Lost children recovered,	6
Number of licenses issued to collectors of grease, and inspected monthly,	22

Number of town warrants and other town documents distributed, over 20,000
Number of dead animals reported, and buried by direction of the Police, ... 23
Number of orders given for cleansing vaults and cesspools, ... 103
Number of street lamps reported broken, . . 237
Number of streets lamps reported unlighted, . . 272

For expenditure of Police Department, see Treasurer's Report.

TRAMPS.

But few complaints have been made of tramps for the past year.

Tramps can remain but a short time in town before they are recognized as such by officers, and they are either arrested as vagrants, or sent out of town.

Several cases of house-breaking and robbery have occurred in town the past year.

In one or two cases the losses were considerable, and were the work of professional burglars.

Several cases of petty larceny have also occurred.

From the best information I can obtain, the total loss by theft will not exceed eight hundred dollars; but a small part of which has been recovered.

LICENSE LAW.

Twelve prosecutions have been made for the illegal sale or keeping for sale, and 158 gallons of liquors of various kinds have been seized, condemned, and disposed of according to law.

The illicit sale of liquors has been confined mostly to dwelling-houses, and the difficulties attending the procuring of evidence sufficient for conviction are such as few unacquainted with the business are aware of.

The arrests for the crime of drunkenness for the last three years have been as follows: In 1876, 197, in 1877, 119; in 1878, 90.

I am convinced from the best information obtainable, that one result of the granting of licenses, has been the increased consumption of malt liquors, and a corresponding decrease in the use of spirituous or alcoholic beverages. * * *

One or more officers should be especially detailed to enforce the license law, but with our reduced force, I have found it impracticable to do so. The statutes seem to require that an officer shall be especially authorized by the Selectmen, in order to efficiently perform his duty in this direction. See chap. 99, sect. 11, Acts of 1875.

Our thanks are due to the Ladies' Temperance Union for valuable information and assistance the past year.

MOUNTED POLICE.

Two horses have been employed in the department the past year, and with the best results, and have proved to be a very useful and important part of the service.

Valuable buildings have been saved from destruction by fire, by the quickness with which the alarm was given by the mounted officers.

In pursuing and stopping runaway horses, the services of the mounted officers have been invaluable, in several instances doubtless preventing severe accidents, and loss of life.

CONCLUSION.

I have found it impossible with the small force at my disposal, to supply the demands of citizens for police service,

especially during the summer months, when many citizens are out of town, and scores of houses are vacant in all parts of the town.

The great thoroughfares which pass through the town, leading from the large city on our borders, should be patrolled at *all* hours of the *day* and *night*.

The record of sixty-eight buildings, mostly stores and shops, found open and secured by the night officers, and eighty-eight defects in streets and sidewalks, shows the importance of a strict attention to duty. * * *

The discipline and conduct of the officers has been excellent, and they have cheerfully performed all duties required of them. And in concluding this report I desire to thank the officers who have performed their duties in a manner to render mine pleasant and agreeable. Our thanks are due to officers of Boston Police Department, for valuable assistance cheerfully rendered. Also to the Police Department of the city of Newton.

I tender my sincere thanks to the Board of Selectmen for the kind consideration extended to me.

I am, very respectfully, your obedient servant,

ALONZO BOWMAN,

Chief of Police.

SEWERS.

At the last annual town meeting an appropriation of $17,034 was made for the purpose of constructing sewers in a portion of the streets of the Longwood district and in the Village. The manner in which this work should be done, having been referred to a

committee, reported upon, and discussed, by the Board, it was decided that the work should be done under the general supervision of the Committee on Sewers. That the labor should be employed by the day, preference being given to our own citizens, and that all tools and materials required in the prosecution of the work should be furnished by the town, the whole to be under the immediate supervision and inspection of some suitable Engineer.

At a meeting of the Selectmen held May 13, 1878, the Committee on Sewers, increased at this time by the addition of F. W. Lawrence, Esq., were authorized to make contracts for materials, to employ Mr. A. H. French, as Engineer, and to proceed to lay the sewers in the districts before mentioned.

The size, location and general inclination of these sewers are substantially as recommended by Mr. Shedd in his report to the Selectmen upon this subject made February, 1878.

The following detailed statement of the work done the past year is taken from the report of A. H. French, Engineer, in charge of the work, made Jan. 31, 1878.

* * * * * * * * *

"At the annual town meeting $17.034 was appropriated for laying lateral sewers and a tabular statement presented of the work contemplated. In the main, the sewers mentioned in the tabular statement have been laid; as the season advanced, however, it became apparent that in a few instances there was less demand for the sewers than was at first supposed, also that there was urgent need of sewers in several streets, which it was not intended to sewer the past year. It was also found that the sewers were being laid at considerably less than the estimated cost, and it was therefore decided to lay twelve-inch sewers through the greater part of Prescott street, in Pearl street from Emerald street westerly to brook crossing, and in Davis avenue from Washington street westerly to summit opposite the estate of Dr. Francis. The excess of work done, beyond what was provided for in the estimates is 781.57 feet of sewer and fourteen manholes. The total number of catch-basins built is two less than was provided for.

In order to complete the surface drainage in several streets sewered, a few more catch-basins will ultimately be required, and

branches were therefore set in the proper places for them, when the land shall be built over to such an extent as to require further surface drainage.

The sewers have been laid by day-work, and employed an average force of sixty-five men for four mouths.

The materials for the sewers were bought directly of the manufacturers or their agents, after competitive estimates had been invited from the principal manufacturers represented in Boston.

Akron sewer pipe has been almost entirely used,—the exceptions being a part of the St. Mary street sewer, and about fifty feet of the Ivy street sewer, where Scotch pipe was used, on account of a delay on the part of the contractor in furnishing Akron pipe. The experience of the town has been adverse to the use of Akron pipe of as large size as two feet in diameter, yet it is true that the smaller sizes are very generally used for sewerage purposes, on account of its superiority to any other manufacture with respect to smoothness, and the compact and durable character of the material of which it is made. It was found by tests of the crushing strain (for the determination of which an appliance has been arranged in the Town Hall basement), that the pipe had sufficient strength to resist the pressure to which it was to be subjected, and the experience of more than half a year has confirmed the correctness of this conclusion.

All sewer pipe used was required to pass a rigid inspection, as regards soundness, smoothness, straightness and circularity. In the process of burning, pipes are frequently distorted to a greater or less degree, from a perfectly circular form, and those that passed the inspection in this and the other particulars, were always laid with the side of the pipe which was nearest straight longitudinally, and nearest circular laterally, for the invert in order that this important part of the sewer might be as nearly continuous and perfect as possible.

A small amount of the best of the rejected pipe, was accepted at reduced rates, and used in the chutes of catch-basins, where its inferiority did not materially impair the quality of the work.

The details of the sewers constructed are given in the following tabular statement:

LOCATION OF SEWERS BUILT.	Size.	Kind.	Length in feet.	No. of Manholes.	No. of Catch-basins.	Cost.
St. Mary street, from Beacon street to Monmouth street	18 in.	Pipe.	350.00	3		$ 671 62
Monmouth street, from St. Mary street to Carlton street	15 "	"	405.50	3	4	1,383 31
" " " " " " "	12 "	"	183.19	2		
Monmouth court, from Monmouth street to Railroad	12 "	"	373.54	4	2	693 38
Ivy street, from St. Mary street to point about 98 ft. east of Essex street	18 "	"	1,070.14	9	2	2,685 65
Prescott street, from Ivy street to point about 197 ft. south of Mountfort street	12 "	"	374.00	3	2	949 57
Colchester street, from Carlton street to Kent street	15 "	"	1,066 97	8	2	2,589 89
" " " " " " "	12 "	"	424.39	3		
Brookline av., and Washington street, from brook-sewer in former to Town line at Pond avenue	30 } 45 }	Brick.	523.21	4	2	3,642 65
Emerald street, from Brookline avenue to Pearl street	15 "	Pipe.	97.89	2	1	457 62
" " " " " " "	12 "	"	103.92	1		
Pearl street, from Emerald street eastward	12 "	"	228.52	2		376 14
Pearl street, from Emerald street westward	12 "	"	636.40	5	4	1,156 62
Fay place	12 "	"	210 70	3	1	461 09
Davis avenue, from Washington street westward to summit	12 "	"	521.20	4	1	1,123 57
Total			6,569 57	56	21	$16,191 25

In addition to the above named $16,191.25 a further amount of $825.77 has been paid for catch-basins not in the above named streets, tools, materials on hand and sewer appliances, making a total sum of $17,017.02 paid from the appropriation for laying lateral sewers.

With reference to the new sewers in Pearl street, Emerald street, Brookline avenue and Washington street, I will say that they are so laid as to enable the removal from Muddy River and its tributaries of nearly all of the large amount of sewage draining into those streams, from estates bordering on the same which are located in Brookline. This long-delayed and extremely necessary measure, affecting as it does the comfort and health of a large number of people, is now so nearly accomplished, that special effort should be made to carry it into execution; and I therefore recommend that an order be passed requiring the diversion into the sewers wherever it is possible, of the sewage now draining into Muddy River or its branches, and that no further pollution of these streams be allowed.

The present need of the seemingly large sewer in Brookline avenue and Washington street, is to furnish drainage to estates on the east and north sides of the same respectively, and to intercept the sewer built in Washington street in 1869, which discharged into Muddy River, at a point below its connection with the main sewer laid last year, between which points it received the drainage of the recently built streets on what was known as the Kimball estate. This sewer will finally serve as the trunk sewer for the large valley whose southerly boundary is near Jamaica Pond, and westerly a line near to, and nearly parallel with the southeast side of Walnut street. The sewer was built into Pond avenue a short distance, so that its extension will not obstruct Washington street. A large connection was built in the sewer to facilitate draining into it the sewage of that part of the city of Boston adjacent to Brookline village. All three of the Boston water mains were

found at such a level where the sewer passed beneath them, as to encroach into the arch from two to four inches, but they will not materially reduce the discharge of the sewer. The construction of the sewer rendered necessary the taking up a sixteen-inch blow-off pipe from one of the Boston water mains, which was connected with the sewer on the curve opposite the estate of Mr. Duffy.

The sectional plans made by Messrs. Shedd & Sawyer, for the purpose of recording information concerning the main sewer, have been extended so as to comprise the territory in which is located the sewers laid the past season, information respecting which has been entered in those lines."

With a view to establishing a proper system for the care of the town's sewers and drains and of adopting such rules and regulations as might be found necessary or expedient for the proper government of persons who may be licensed to construct and repair private drains or open and dig in the street or highway for that purpose, we in April last prepared a by-law on this subject, which by request of the town was presented to the committee on the revision of the by-laws to examine and report upon. The by-law was examined and approved by the committee and with others printed in a Supplementary Report which was presented and circulated at a town meeting held July 2d. It however has never been acted upon by the town.

It seems to us important that this should be done at once; we therefore recommend the town to take action in the matter at the annual town meeting.

The matter of a sewer for the Aspinwall brook district having been settled by the laying out of Brook street, we recommend that the sewer be built the ensuing summer, and also about 600 feet of 12-inch sewer in either Aspinwall avenue, or Perry street, as may best serve the needs of persons requiring drainage in that section.

May 27. A petition was received from Ira B. Cushing, M. D. and others, for "the perfect and effectual drainage of Thayer place." On this petition an informal hearing was had June 3d, and it was voted to procure a plan and estimate of the cost of a sewer for draining Thayer place.

Mr. Edward Sawyer was employed to do this work, and has presented a plan for a sewer from Thayer place through the lands of E. C. Emerson, C. D. Lincoln and others, to and through White place to the sewer in Washington street, near the site of the old railroad station.

At the time the route of the sewer was selected through the land of Mr. Emerson, it was understood to be satisfactory to him; he now desires a change, and the subject has been referred to Mr. Sawyer for an opinion in regard to the merits of the new route, difference in cost, &c., and his answer is not yet received.

The petition of W. I. Taylor and others for "better drainage from Hart's Village, and the district near the corner of Walnut and Cypress streets," was received June 18th, on this petition an informal hearing was given June 24th.

Of the need of drainage from these districts there can be no doubt, and the remedy for their trouble seems to be the building of two long lines of sewers, the one from Hart's Village through Chestnut street and Pond avenue, to connect at Washington street, with the sewer laid last summer, and the other through Cypress and School streets and Aspinwall avenue, to connect with the Brook street sewer, when it shall have been built.

Respectfully submitted,

WM. I. BOWDITCH,
FRANCIS W. LAWRENCE,
HORACE JAMES,
OLIVER WHYTE,
JAMES W. EDGERLY,
Selectmen of Brookline.

BROOKLINE, Feb. 1, 1879.

STATISTICS.

To the Selectmen of the Town of Brookline:

The undersigned herewith respectfully submits the Vital Statistics of the Town of Brookline for the year 1878.

MARRIAGES BY MONTHS.

MONTHS.	Whole Number.	First.	Second.	Third.
January	3	5	1	
February	5	9	1	
March	4	6	2	
April	7	9	5	
May	5	8	2	
June	7	14	...	
July	2	4	...	
August	4	6	2	
September	6	9	3	
October	9	17	1	
November	2	4	...	
December	5	9	1	
	59	100	18	

OF THE ABOVE MARRIAGES,

5 second marriage of the groom and second of the bride.
6 " " " " first " "
2 first " " " second " "
46 " " " " first " "
48 " " " " 52 first " "

BIRTHS BY MONTHS.

1878.	Total.	Male.	Female.
January	12	7	5
February	14	9	5
March	14	6	8
April	13	6	7
May	11	5	6
June	17	8	9
July	14	6	8
August	15	4	11
September	15	9	6
October	16	11	5
November	20	10	10
December	19	9	10
1877.			
March	1	..	1
	181	90	91

OF THE ABOVE BIRTHS THERE WERE TWINS.

1 birth both males,
1 " " females,
1 " 1 male and 1 female.

DEATHS, SEX, CONDITION AND AGE, BY MONTHS.

1878.	DISEASE.	Sex.	Condition.	AGE.			Occupation.
				Year	Mo.	D'ys	
January.....	Pneumonia.....	M				6	
	Rose Cancer.....	F	M	80			
	Chronic Catarrhal Pneumonia.....	F	S	19	9	..	
	Whooping Cough.....	F		1	1		
	Marasmus Convulsions..	M				4	
	Aneurism of Aorta	M	M	31	8	5	Srg'n U S N
	Uræmia Purpura.....	M		13	1		
	Abscesses Phthisis.....	M	M	59	1		Lawyer.
	Unknown.....	M		42			
	Bronchitis, Old Age.....	M	W	81			Contractor.
February....	Cold, Old Age.....	F	W	90	1	13	
	Tubercular Meningitis...	M		2	10		
	Hæmorrhagic Apoplexy..	M	M	67	9	3	Carpenter.
	Paralysis.....	M		5	11	25	
	Diphtheria.....	M		2	11		
	Inflammation of Brain...	F	W	82	3		
	Consumption.....	F	M	32			
March.....	Diphtheria.....	M		1		5	
	Consumption.....	M	S	22	8		Clerk.
	Dropsy of Heart.....	F	M	53			
	Consumption.....	M	S	27	9	12	Clerk.
	Aneurism of right common iliac.....	F	M	48			
	Hæmorrhage of Nose....	M	M	80	1	2	Gentleman.
	Old Age.....	F	S	82			
April.....	Still-born.....	F					
	Rheumatism	M	S	35			Laborer.
	Consumption.....	M	S	34	5		Carpenter.
	Pneumonia.....	F		3	4	4	
	Catarrhal Pneumonia....	M			3	2	
	Heart Disease.....	M	M	59	2		Laborer.
	Scarlatina	M		3	6		
May.....	Strangulated Hernia....	F	S	81	2		
	Pulmonary Consumption.	F	W	80	4	19	
	Apoplexy.....	F	W	71	11	10	
	Softening of the Brain...	M	M	73	2	2	
	Tuberculosis Pulmonalis.	M	M	60			Laborer.
	Premature Birth.....	F					
	Pneumonia.....	M	M	60			Laborer.
	Old Age.....	F	W	77	7		
June	Injury to Spine	M	M	28			Teamster.
	Still-born.....	M					
	Child-birth.....	F	M	30	5	15	
	Bright's disease of the kidneys.....	M	S	59	2	11	Machinist.

DEATHS, SEX, CONDITION AND AGE, BY MONTHS.

1878.	DISEASE.	Sex.	Condition.	AGE.			Occupation.
				Year	Mo.	D'ys	
June	Cancer of stomach.....	F	M	56			
	Pulmonary Phthisis.....	M	S	42	5		Shoemaker.
	Brain Fever	F	M	26	4	27	
	Pulmonary Phthisis.....	M	M	48			Laborer.
	Pulmonary Tuberculosis.	M	S	19			Laborer.
July.....	Schirrhus of bladder....	F	W	58	4	25	
	Old age.....	F	W	90			
	Rupture of blood vessel in brain.....	F	M	40	3	2	
	Senile Marasmus.....	F		88			
	Tubercular Meningitis...	F		9	2		
	Meningitis.....	M		1		2	
	Cholera Infantum	M			10		
August	Typhoid Pneumonia	M	M	40			
	Vomiting	F	W	60			
	Eclampsia Infantum....	M		1	1	4	
	Diphtheria.....	F		6	8		
	Meningitis, following diphtheria.....	F		4			
	Typhoid Dysentery.....	F		7	11	9	
	Dysentery	M			11	15	
	Convulsions	F		5	6		
September...	Cholera Infantum.....	F			10		
	Dysentery	F	M	31			
	Still-born	F					
	Chronic Gastric Catarrh.	F			3		
	Meningitis.....	M			10		
October	Disease of the brain.....	F	W	68			
	Embolism of Pulmonary Artery.....	F	M	33		10	
	Cholera Infantum	F			9	24	
	Consumption	F	M	35			
	Cholera Infantum	F		1			
	Typhoid Dysentery.....	F	W	69			
	Disease of the brain.....	M	W	89	7	5	Clergyman
	Heart Disease.....	M	M	67	5	5	
	Disease of brain.....	F	W	56	3	1	
	Rheumatism	M	M	51			
November ...	Phthisis.....	F	S	28	9	20	
	Fits	M			2	12	
	Membraneous Croup....	F		5	7	19	
	Cancer.....	F	M	42	8	27	
	Scrofula.....	M			1	15	
	Inflammation of the brain	M		1	6		
December....	Still-born.....	F					
	Parturition.....	F	M	26			

DEATHS, SEX, CONDITION AND AGE, BY MONTHS.

1878.	DISEASE.	Sex.	Condition.	AGE.			Occupation.
				Year	Mo.	Dy's	
December ...	Inflammation of the heart	M				3	
	Convulsions.....	F		2		16	
	Consumption.....	F	S	17	8		
	Old age.....	F	W	66			
	Typhoid Pneumonia.....	F	M	67			
	Phthisis Pulmonalis.....	F	W	46	3	2	
	Typhoid Fever.....	F	W	75	4	17	

RECAPITULATION.

Aneurism	2	Hæmorrhage	2
Apoplexy	1	Injury to the Spine	1
Bright's Disease of the Kidneys	1	Marasmus	2
Bronchitis	1	Meningitis	4
Cancer	3	Old Age	5
Catarrh, Chronic Gastric	2	Paralysis	1
Cholera Infantum	5	Parturition	2
Consumption	8	Phthisis	6
Convulsions	3	Pneumonia	4
Croup Membraneous	1	" Typhoid	1
Diphtheria	4	Premature Birth	1
Disease of Brain	7	Rheumatism	2
Dropsy	1	Scarlatina	1
Dysentery	2	Scrofula	1
" Typhoid	2	Schirrhus of Bladder	1
Fever, Lung	1	Still-born	4
" Brain	1	Uræmia Purpura	1
" Typhoid	1	Unknown	1
Heart Disease	4	Vomiting disease of bowels	1
Hernia	1	Whooping Cough	1

OF THE ABOVE DEATHS THERE WERE:

	Whole No.	Males.	Females.
Under 5 years	29	16	13
From 5 to 10 years	6	1	5
" 10 to 20 "	4	2	2
" 20 to 30 "	6	4	2
" 30 to 40 "	9	2	7
" 40 to 50 "	7	6	1
" 50 to 60 "	9	4	5
" 60 to 70 "	8	4	4
" 70 to 80 "	4	1	3
" 80 to 90 "	9	3	6
" 90 to 100 "	2	..	2
Totals	93	43	50

B. F. BAKER,
Town Clerk.

REPORT

OF THE

TRUSTEES OF WALNUT HILLS CEMETERY.

The Trustees of Walnut Hills Cemetery herewith submit the following report for the year ending January 31, 1879:

During the past year thirteen additional lots have been trenched, graded and sown to grass; making in all eighty-eight lots that have been trenched, graded and prepared for use. Nine lots have been sold during the year, and five lots for single graves.

Trees have been planted by some of the avenues, and parts of several avenues and paths have been made and graded.

For particular details in relation to work in the grounds, reference is made to the following report of the Superintendent.

SUPERINTENDENT'S REPORT FOR THE YEAR 1878.

To the Trustees of Walnut Hills Cemetery:

GENTLEMEN,—I have the honor to present herewith the annual report of the Superintendent for the year ending January 31, 1879.

IMPROVEMENTS.

Total number of lots trenched and graded,	88
" " " " " " " last year,	13
" " " head stones erected,	8
" " " monuments,	3

INTERMENT RECORD.

Total number of interments as per last report,	50
" " " " for the year,	26
" " " " in private lots,	18
" " " " " single graves,	8
Of the above there were deposited in the receiving tomb,	3
Removed from other cemeteries,	14

Respectfully submitted,

T. S. PETTENGILL,

Supt. of Walnut Hills Cemetery.

BROOKLINE, Jan. 31, 1879.

The current expenses, care of the grounds, improvements and incidental matters, have been as follows, viz.:

To balance in the Treasury from last year,	$426 94
" amount from sale of grass,	25 00
" " " " " wood,	287 75
" " " " " loam,	12 00
" " " " " bound stones,	6 00
" " " " " lots, trenching and grading,	1,384 85
Amount carried forward,	$2,142 54

Amount brought forward,		$2,142 54
By cash paid for labor and materials,	$1,926 93	
By cash loaned Perpetual Care Fund,	80 00	
		2,006 93
Balance in the Treasury,		$135 61
Due on account,		329 00
Due from Perpetual Care Fund,		80 00
Total,		$544 61

PERPETUAL CARE FUND.

To cash balance in Treasury from last year,	$ 271 50
" " received sale of lots,	648 50
" " borrowed from current expense fund,	80 00
	$1,000 00
By policies 4768 and 4769 in Mass. Hospital Life Insurance Co.,	$1,000 00
Amounts invested in Mass. Hospital Life Insurance Co.,	$4,200 00

INCOME FROM PERPETUAL CARE FUND.

To cash on hand at the commencement of the year,	$82 34
" " received from interest on investments,	123 61
	$205 95
By cash paid for labor on care of lots,	82 34
Balance in Treasury,	$123 61

Much improvement has been made in the grounds for the amount of money expended. The avenues and paths and the grass on the lots have all been kept in good order, and their general appearance greatly improved.

From present appearances, the place is growing in favor with the public, many are visiting the grounds, and are examining lots with a view to purchasing; and its success seems to be well established.

WM. I. BOWDITCH, *Chairman ex-officio.*

CHARLES S. SARGENT,
THEODORE LYMAN,
CHARLES H. STEARNS,
WALTER C. CABOT,
DESMOND FITZGERALD,
WILLARD A. HUMPHREY,

Trustees of Walnut Hills Cemetery.

REPORT

OF THE

COMMISSIONERS OF THE SINKING FUND

OF THE

TOWN OF BROOKLINE.

ANNUAL REPORT.

The Commissioners of the Sinking Fund of the Town of Brookline present herewith their annual report:

The appropriations by the town to this Fund have been		$274,200 00
Notes of the town have been paid from the fund amounting to	$159,608 00	
The amount of investments at current rates is about	136,000 00	
		295,608 00
Showing an increase of		$21,408 00

The securities held by the Commissioners are:

$25,000	Charlestown,	6 per cent.,	due from	1890	to 1893
19,200	Brookline,	6½ "	"	1889	
1,500	Lawrence,	6 "	"	1894	to 1900
1,500	Taunton,	6 "	"	1896	
6,500	United States,	6 "	"	1881	
16,500	Brookline,	7 "	"	1898	
1,000	"	6 "	"	1895	
1,500	Worcester,	6 "	"	1892	
14,000	Arlington,	6 "	"	1892	
8,000	Woburn,	6 "	"	1892	
1,500	Massachusetts,	5 "	"	1894	
28,000	United States,	5–20, 6s,		1879	
100	"	4 per cent.,	"	1907	
$124,300					

JOHN C. ABBOTT,
THOMAS PARSONS,
CHARLES D. HEAD.

COMMISSIONERS OF THE SINKING FUND

IN ACCOUNT WITH THE

TOWN OF BROOKLINE.

1878. Dr.

Feb. 1,	To amount on hand,		$ 1 33
April 1,	To coupons, 1,500 Lawrence 6s,		45 00
	To interest on 1,500 Worcester 6s,		45 00
May 1,	To coupons, 1,500 Massachusetts 5s, gold @ 1 per cent.,		37 87
Juiy 2,	To coupons, 25,000 Charlestown 6s,		750 00
	To " 14,000 Arlington 6s,		420 00
	To " 12,000 Brookline 7s,		420 00
	To " 1,500 Taunton 6s,		45 00
	To interest on 19,200 Brookline 6½s,		624 00
	To coupons, 8,000 Woburn 6s,		240 00
	To interest on 6,500 United States 6s, of '81,	$195 00	
	To interest on 50 U. S. 5-20s,	1 50	
	Gold @ ½ per cent.,	98	
			197 48
Oct. 1,	To interest on 1,500 Worcester 6s,		45 00
	To coupons, 1,500 Lawrence 6s,		45 00
	To interest on 600 United States 4s,		6 02
	Amount carried forward,		$2,921 70

	Amount brought forward,		$2,921 70
Oct. 25,	To town appropriation,		58,600 00
Nov. 7,	To proceeds 500 United States 4s,		500 62
1879.			
Jan. 1,	To interest on 28,000 United States 5-20s,		840 00
	To interest on 6,500 United States 6s, '81,		195 00
2,	To coupons, 25,000 Charlestown 6s,		750 00
	To " 12,500 Brookline 7s,		437 50
	To " 8,000 Woburn 6s,		240 00
	To " 14,000 Arlington 6s,		420 00
	To " 1,500 Taunton 6s,		45 00
	To " 19,200 Brookline 6½s,		624 00
	To " 1,500 Massachusetts 5s,		37 50
	To " 100 United States 4s,		1 00
	To " 50 United States 5-20s,		1 50
17,	To 50 United States 5-20s, Called,		50 62
29,	To proceeds 2,000 Lowell 6s, @ 111,	$2,220 00	
	Interest 8 mos. 29 days,	89 67	
			2,309 67
			$67,974 11
	To debit to new account,		25 74
			$67,999 85

1878.	Cr.		
July 2,	By cost 2,000 Lowell 6s, @ 110½,	$2,210 00	
	Interest 2 mos. 1 day,	20 33	
			$2,230 33
6,	By cost 600 United States 4s,		602 63
Oct.	By notes paid by Town Treasurer,		29,000 00
26,	By cost 28,000 U. S. 5-20s of '67, @ 105¾,		29,610 00
Nov. 1,	By Rent Union Safe,		25 00
	Amount carried forward,		$61,467 96

Amount brought forward,			$61,467 96
7,	By cost 500 Brookline 7s, @ 118¼,	$591 25	
	Interest 4 mos. 6 days,	12 25	
			603 50
1879.			
Jan. 6,	By cost 3,000 Brookline 7s, @ 118½,	$3,555 00	
	Interest 5 days,	2 92	
			3,557 92
31,	By Treasurer's salary,		50 00
	By cost of 1,000 Brookline 7s, @ 120,	$1,200 00	
	Interest 29 days,	5 64	
			1,205 64
	By cost of 1,000 Brookline 6s, @ 111,	$1,110 00	
	Interest 29 days,	4 83	
			1,114 83
			$67,999 85

CHARLES D. HEAD,
Treasurer.

BROOKLINE, Feb. 1, 1879.

REPORT

OF THE

OVERSEERS OF THE POOR

OF THE

TOWN OF BROOKLINE,

FOR THE YEAR

ENDING JANUARY 31, 1879.

ANNUAL REPORT.

The Board organized by choosing Wm. I. Bowditch as Chairman and Chas. D. Lincoln as Secretary. The duties of the Board have been mostly performed by Mrs. J. Elliot Cabot, Mrs. James M. Codman, Messrs. Whyte and the Chairman.

The following table gives the names of persons regularly relieved:

3 Burke, John, aged 8, Katy, aged 6, Mary, aged 4, children of Thomas or Michael Burke, deceased. They are boarded with Martin Costello, at $15 a month for the three.

3 Casey, Nellie, widow of Thomas, and two young children. We pay her $8 a month, and supply her with fuel and pay her rent.

3 Collins, Mary, widow of Peter, and two children of brother James Kilnan. She works for her relief $1.75 a week and her fuel.

3 Corcoran, Henry, and wife, and one child. They are State paupers. We have allowed her to work $1.50 a week for relief and after notice, the Board of State Charities have not forbidden us to continue the relief. He was placed in the Hospital Nov. 14th, on a free bed, but was discharged Jan. 14th, for getting drunk on liquor furnished surreptiously by his wife.

6 Coughlin, John, and wife, and four children. Since Sept. 25th, last, we have allowed Mrs. Coughlin to work $2 a week for relief and we have supplied some fuel.

5 Coughlin, William, and wife, and three children. She is authorized to work $2 a week for relief and for fuel. He has been sick.

1 Crawley, Mary, aged 61, boards with Mrs. Bridget McMahon at $8 a month.

6 Cronan, John, and wife, and four children. He has been in the Eye and Ear Infirmary. She has been allowed to work $2 a week for relief. We have also paid for medical attendance.

1 Curry, Hannah, aged 61, widow of James. She boards with her son-in-law Thomas Finn at $3 a month.

6 Curry, John, and wife, and four children. He is allowed to work out $2 a week for relief since Nov. 20th, last.

1 Dalton, James, aged 11, son of James and Mary, afterwards wife of Thos. Burke. He boards with Mrs Bolan at $8 a month.

9 Donahoe, Martin, and wife, and seven children. We allow him to work $3 a week for relief and have agreed to pay rent from Nov. 1st to March 1st.

3 Duffy, Ann, widow of Michael, and two children. We allow her to work out her relief $2 a week and fuel and rent.

1 Dwyer, Ellen, aged 66, she boards with Patrick Ryan at $8 a month.

2 Fallon, John W. and Eunice, children of Michael. They live in Lawrence, and we paid that city last year for their support $100.

1 Flanagan, Mary, widow of Joseph, aged 86. She boards with her son Martin at $6 a month.

5 Flanagan, Michael, and wife Ann, and five children, a sixth was born and has died the past year. We allow him to work $1 a week for relief and supply fuel, and have agreed to pay rent from Nov. 1st to March, if the same is worked out, otherwise not.

5 Fleming, Patrick, and wife, and three children. We allow $2 a week and fuel, and pay rent from Sept. 1st to March 1st, if the same are worked out.

1 Ford, Sarah A. She is boarded at the asylum for chronic insane at Worcester. We paid last year $196.49 for her.

1 Gleason, Ann, aged 63, widow of James. She boards with her daughter Bridget Sullivan at $8 a month.

2 Haley, David, and wife, about 70 years of age and unable to work. She is allowed $1.50 a week for relief, and we supply fuel and rent.

2 Hogan, John, and wife. He is 78 years old, and greatly broken in health. She is unable to sew. We allow them $8 a month and fuel and rent.

2 Horregan, Bridget, widow of Michael, and one daughter 11 years old, They are State paupers apparently; we allow her to work $1 a week and supply fuel and pay rent.

7 Kelly, John, and wife Ann, and five children. He works out $2 a week for relief, and also fuel, and we have agreed to pay rent from Nov. to March 1st, if worked out.

1 Kennedy, Ann, wife of James. She boards with John Monahan at $6 a month.

4 Killinan, Fanny, widow of John, and three children. She works out $2 a week relief and fuel. We have also paid her rent.

1 Lamb, Mary, widow of Lawrence. The city of Boston admits her settlement. We allow her to work $1 a week and pay her rent.

2 Lynch, Bridget, widow of Cornelius, and one child Annie, who is at St. Vincent's Asylum at our expense, we pay the mother's rent, and allow her fifty cents a week.

5 Lynch, Mary, wife of John (daughter of Batt. Cusick) and four small children. She has been deserted by her husband, and we allow her $1 a week, and fuel and rent.

10 Lyons, Patrick, and wife and eight children. We allow him to work out $3 a week, and his fuel and rent.

4 Madden, Mary, widow of Charles, and three children, of the latter Daniel is now at the Massachusetts General Hospital on a free bed, and Mary A. boards with Mrs. John Madden at 50 cents a week. We allow Mrs. Madden $1 a week, and her fuel.

1 McCarthy, Julia, widow of Jeremiah, aged about 61. We pay $4 a month for her board.

1 McGrath, Michael; has a military settlement, and is boarded at the Northampton Asylum for the Insane. We paid last year $207.43.

3 McNamara, Patrick, and two children. One of them, John, is at the House of the Angel Guardian. We have authorized his father to work out his rent from Nov. 5th to March.

2 Mountain, Ellen, widow of Patrick, and one son. We allow $1.50 a week and fuel and rent. The son however has been generally absent since March.

3 O'Hare, Ellen, widow of Michael and two children. They are Boston paupers. We allow her $1 a week and fuel and rent.

6 Powars, Johanna, widow of Edward, and five children. We allow her to work out $2.50 a week, and we pay her fuel and rent.

1 Powars, Mary, widow, aged 62. We pay rent and fuel, and $1 a week for food.

3 Quinlan, Mary, widow of Thomas, and two children. They are Boston paupers. We allow her to work $1.75 a week, pay her rent and supply fuel.

4 Roy, Joseph, and wife and two children. We allow her to work out $2 a week and supply her fuel, and they live in the Town House on Heath street.

1 Tobin, Bridget, aged 60. She is blind and unable to work. We allow her $8 a month.

133 as the number of persons regularly relieved.

The State should pay us for the support of eight of these, and Boston pays for the relief afforded to six, so that 119 persons are now liable to be regularly relieved by the town at its sole expense, instead of 63, as February 1, 1878.

The following table gives the names of those whom we have occasionally relieved during the last year:

1 Atkinson, Julia, about 72 years old.

2 Ballard, Lewis H. He has a military settlement and lives in Boston. We paid the city $2 last year.

6 Cahill, Mary A., wife of John Cahill, and four children. She is a daughter of John Keenan. They live in Holliston. We have paid Holliston last year $12 towards their support.

5 Campbell, Hamilton, and wife, and three children. The only relief granted was $2 worth of fuel Feb. 20th, last.

3 Carroll, Michael, and wife, and one child. They are State paupers. With the consent of the Board of State Charities we have allowed him to work $1 a week since Nov. 20th, last.

6 Clary, Patrick, and wife, and four children. They are State paupers. With the consent of the Board of State Charities we have allowed them to work out $2 a week for relief since Dec. 11th, last.

5 Clayton, John, and wife, and three children. They are State paupers, and with the same authority we have afforded them the same relief.

6 Connolly, James, and wife, and four children. They are State paupers. We have paid for medical attendance and medicine, $38.84.

5 Crotty, Mary, and four children. They live in Boston, and the Overseers there furnished relief to the amount of $38.40.

5 Crowley, John, and wife, and children. They live in Boston. We paid the city last year $40.

8 Curry, Simon, and wife, and six children. The only relief afforded was $2 July 30th, last.

4 Devine, Patrick, and wife, and children. We paid $23 towards his rent, for which he gave an equivalent in work.

1 Dolan, Mary E., daughter of Thomas, deceased. We have paid her board at the Taunton Asylum. She left the Hospital Jan. 14th, and now lives in Boston, and we pay her board.

5 Drohan, Patrick, and wife, and three children. We have allowed him to work out $4.50, relief furnished.

3 Flanagan, Michael, and wife Kate, and one child. We have supplied only $8 worth of fuel.

1 Furbush, John, child of Thomas and Mary, both deceased. He was boarded at the House of the Angel Guardian till May 4th, last, and was then provided with a home by Father Justinian.

2 Genter, Lewis, and family. He lives in Sharon, and we have paid Sharon $21.50 for 2 barrels of flour furnished in 1877.

7 Gilson, Richard H., wife and five children. They live in Boston. We have paid the city $10 for the expenses of his burial.

4 Griffin Patrick, and wife, and two children. They are State paupers. The Board of State Charities forbid us to give relief. We have therefore only given $6.75. They refused to go to Tewksbury, where we have offered to send them.

3 Hall, Ann, daughter of James, and two illegitimate children, probably State paupers. We have given $18 in relief, but none since Jan. 8th.

3 Harris, Davis, and wife, and one child. He has a military settlement and lives in Haverhill, and we have paid that town $14.61.

6 Hennessey, Michael C., and wife and four children. He has been wholly disabled for work, and we have allowed him $3 a week and fuel since Nov. 27th. His wife died Jan 28th.

4 Hill, Eliza, widow of Thomas, and three children. Edward, by our advice, has enlisted in the navy. We give her $1.50 a week, and fuel and rent.

1 Hogan, Margaret, aged about 57 years. We have allowed her nothing since April 1st, last.

1 Holleran, Bridget. After payment of medical attendance we placed her with the Gray Sisters at South Salem at $2 a week. Her brother removed her without our consent, and she was then sent to the Taunton Asylum by the Court, where she died Nov. 30th.

8 Honey, James, and wife, and six children. The last relief furnished was Aug. 14th, last.

1 Houlihan, Mrs. John, aged 75. We have given her $10 worth of fuel during the year, and this is all the relief she has asked.

10 Hughes, Charles, and wife, and eight children. They are State paupers, and the Board of State Charities forbid our giving relief. They decline to go to Tewksbury where we have offered to send them.

2 Kane, Patrick, and wife. They are State paupers. We have paid for medicine and attendance, $22.38. He died last summer.

2 Keenan, Catherine, and child. She is a daughter of James Keenan and goes sometimes by the name of Mary Ann Gould and sometimes as Mrs. Larry Finegan. She lives in Boston and we have paid the city $1.38.

5 Keenan, John, and wife and three children. He is unwell. We have given him only $8, which he promises to work out and no doubt will do so.

6 Keenan, Michael, and wife and four children. We have only aided them $3, July 17th, last.

6 Kelly, Julia, wife of John, and five children. We think they are settled in Boston She is supposed to be the wife of Thomas H. King who enlisted on the quota of Boston. She died Oct. 14, 1878, and we have paid nothing since.

6 Leonard, Daniel, and wife and four children. They are State paupers. We have paid nothing since July 9th.

5 Liddy, John, and two girls who are in St. Vincent's Asylum, and two boys at the house of the Angel Guardian.

7 Mahoney, Daniel, and six children. He is partially blind; no relief since April 10th, last.

6 Mangin, Jane, widow of Thomas, and five children. We agreed to pay her rent for July, August and September.

5 Masterson, John, and wife and three children. No relief since February last when we gave $2 worth of fuel.

7 McKeon, George, and wife and five children. They are State paupers. We have given no relief since March 27th.

5 McMahon, Daniel, and four children. No relief since March last.

2 Mitchell, Michael, and wife about sixty years of age. He is disabled at present from work. We allow them $2 a week and fuel and propose to pay their rent for the present.

3 Moore, William, and wife and one child. They are State paupers. We have notified the Board of State Charities and have allowed him to work out his fuel and $1.50 a week for relief since November 20th.

1 Murray, Ann, child of Patrick and Bridget. She has been in the Taunton Asylum part of the year at an expense of $66.95.

2 Murray, John, 2d, and mother. February 27th we gave $1.50, to be worked out, and January 1st, we authorized him to work out $1 a week; but no work has been given and no other relief granted.

6 Paton, John W., and wife and four children. They live in Newton and we paid the city $5.88.

6 Powers, James, and wife Catherine and four children. Has a military settlement and lives in Lawrence. We paid last year $30 for their support.

4 Powers, James, and wife Julia and two children. He was sent to the hospital December 12th, and has a free bed. We have given $5, other relief.

1 Priestly, John, lives in Boston, and we have paid the city for his support $24.

2 Smith, Mary, wife of James and daughter. Sent her to Baltimore last May and have not heard from her since.

4 Spinney, Frank H., and wife and two children. They live in Boston and we have paid the city $4.62 towards their support.

3 Sullivan, Daniel, and wife and one child. They have a settlement in Boston or else are State paupers. We have given only $3 relief.

2 Taylor, William H. and Taylor, Hattie, brother and sister of Mrs. Patrick Murray, jr. They are State paupers and the Board of State Charities allow us to pay $1 a week for the support of the two for three months from November 1st.

4 Walsh, Anne, or Kennedy, and three young children. We have allowed her $7.50 as relief between Dec. 18th and Jan. 22d, and none before or since.

4 Waterson, William, and wife and two children. No relief except April 3d, last, when we paid a Doctor's bill of $2.

1 Whalen, John J., son of Thomas. Is now in the State workhouse at our expense.

222 persons who have been occasionally relieved during the last year instead of 259, as stated Feb. 1, 1878. Of these, we think 54 are State paupers, and 9 have settlements in Boston, only 159 have settlements in Brookline.

We require some equivalent in work in every case for the amount of general relief afforded, when the applicant is able to work.

The following report shows the labor which has been performed by the female poor, under the superintendence of Mrs. Codman and Mrs. Cabot:

Cash balance on hand Feb. 1, 1878,		$16 78
" received from sale of garments,		144 17
" " " Mass. Gen'l Hospital, for sewing,		27 70
Cash received from private individuals for sewing and knitting,		20 55
Whole amount received from Feb. 1, 1878 to Feb. 1, 1879,		$209 20
Cash paid for 1162½ yards of cotton cloth,	$91 32	
326½ " " calico,	19 98	
241¾ " " gingham,	24 18	
23 " " flannel,	6 05	
yarn,	13 36	
buttons, thread and tape,	10 32	
26 pairs boots,	19 17	
1 pair trowsers,	2 25	
		186 63
Feb. 1, 1879. Balance of cash on hand,		$22 57

We have received from Mass. General Hospital 3 bales of cotton, and sundry thread and buttons, and have made for the Hospital 680 sheets, 206 pillow-cases, and 64 garments.

We had garments on hand, Feb. 1, 1878,	308
The number made for the town during the year is	876
	1,184

Garments sold during the year,	707
" given away (to the poor of the town),	65
" on hand Feb. 1, 1879,	412
	1,184

Stockings on hand Feb. 1, 1878,	4 pair.	
knit for the town,	8	
	—	12
We have sold during the year,	2 pair.	
given away,	2	
on hand Feb. 1, 1879,	8	
	—	12
We have given away new boots,	15 pair.	
on hand Feb. 1, 1879,	15	
	—	26

We have received and distributed:

Second-hand garments,		294
Besides stockings,	132 pair.	
Boots and shoes,	108	
Hats,	33	
Bed comforters,	2	
	—	275
Number of women employed,		25

The following table shows the comparative expenses of supporting the poor for the last three years by each month:

	1876.	1877.	1878.
February,	$262 99	$692 70	$353 75
March,	285 00	1,319 01	498 43
April,	1,083 14	589 98	427 68
May,	545 78	515 70	399 17
June,	692 00	489 13	524 41
July,	837 00	307 15	398 85
August,	562 50	395 59	257 56
September,	426 00	606 66	453 48
October,	369 35	304 28	471 51
November,	1,099 86	193 15	601 45
December,	991 96	756 17	792 12
	1877.	1878.	1879.
January,	1,934 82	554 28	841 36
	$9,090 40	$6,723 80	$6,020 05

The town appropriation was	$6,000 00	
We have received from State,	5 00	
" " " " Boston,	208 50	
		$6,213 50

(Other bills have been approved, but not yet recorded.)

We have had several applications for reimbursement of the expense of supporting paupers in other places. We have had no difficulty in coming to some agreement about the settlement of these paupers in every case but three.

Jan. 3, 1876. The Board of State Charities claimed payment for the support of Honore Leehan, or Lane, then in the Taunton Asylum. The Board have just renewed the application, and the Overseers of Boston, where Miss Leehan now lives, have also made a similar claim for her support now. We have declined all these applications on the ground that she did not live in town for five years after the passage of Stat. 1870, Ch. 392, (as amended by Stat. 1874, Ch. 274, Sec. 2, 120 Mass., Rep. 576) and has no settlement by vir-

tue of Stat. 1874, Ch. 274, Sec. 3, (which is retroactive in its character) because she paid no taxes in town.

The Board of State Charities Sept 5, 1878, called upon us to pay for the support of Dorcas Brown, a daughter of Jeremiah, who was then in the Taunton Asylum. Her case being similar to that of Honore Leehan, we declined to recognize the settlement for similar reasons.

The Overseers of Boston Dec. 23d, last, claimed for the support of Ann Carney, who lived six years with Enos Stone at Longwood, and left town prior to June, 1873; we have declined to recognize her settlement on the ground that she has paid no taxes in town.

It is proper to state that our conclusion as to the true interpretation of these laws has been confirmed by the opinion of Moses Williams, jr.

Respectfully submitted,

FRANCIS W. LAWRENCE,
HORACE JAMES,
OLIVER WHYTE,
MRS. JAMES M. CODMAN,
MRS. J. ELLIOT CABOT,
WM. I. BOWDITCH,
} *Overseers of the Poor of Brookline.*

Brookline, Feb. 1, 1879.

REPORT

OF THE

WATER BOARD

OF THE

TOWN OF BROOKLINE.

ANNUAL REPORT.

The Water Board organized for the year 1878, by the choice of Oliver Whyte as Chairman; the several officers and employees of the works remain the same as last year.

The term of service for which the members of the Board were elected, will expire as follows:

Francis Hunnewell, . .	1879.
Oliver Whyte, . . .	1880.
William J. Griggs, . .	1881.

Street mains have been laid since our last annual report in Harvard, Babcock, Cottage and Freeman streets, Chestnut place and McDonald's court, rear of Linden place, and there have been new service pipes laid in various streets, as shown by the report of the Superintendent annexed.

The only petition presented for street mains since our last report, is from Ignatius Sargent, for the extension of the 2-inch main in Chestnut place, from its terminus opposite Mrs. S. F. Train's, to the line of his estate, a distance of 500 feet, the estimated cost of which extension is $200.

At a meeting held July 2, 1878, the town passed the following vote:

Voted, That the Water Board be authorized to lay a six-inch main in Brookline avenue, from the point where the main now ends to a point near the Boston line, a distance of six hundred and fifty

feet, at an estimated expense of five hundred and eighty-eight dollars, provided there should remain of the sum appropriated at the annual town meeting for the extension of water works enough, after paying for such mains as have heretofore been authorized and other expenses incidental thereto.

As there was not money enough left to pay for that extension, the work was not done, and the Board now ask to have authority to lay the main, and pay for the same from the regular appropriation to be made at the annual meeting for the extension of water works.

The amount of water pumped to supply the town the past year, has been 169,582,304 gallons, an excess of 41,987,543 gallons over the amount pumped in 1877, and by comparison of the record it will be seen that there has been a saving of about 20 per cent., taking the amount pumped and the expense of pumping.

We are advised by Mr. Worthington, the builder of the engine at the Pumping Station, that by an alteration in the plunger of the high pressure side of the engine, a still larger saving can be effected (see Appendix), and we intend during the coming season to make this improvement.

The numerous immediate calls for the laying of service pipes, which were made upon the introduction of the water, and the two years following, having been supplied, the Board have considered it economy to have those called for hereafter, laid under the direction of the Superintendent of the works, and therefore in July last, we purchased of Messrs. Kenrick Brothers, the tools they had used as contractors for doing that work, together with the necessary stock, etc., and have, since that time, had such work done by our employees at quite a saving to the town from the contract price heretofore paid.

During the spring and summer months, the Board spent much time and tried various expedients to locate and remedy the cause of the impurities in the water, supplied the town ; samples of the water were taken from the conduit at different points and submitted to Prof. S. Dana Hayes for analysis, and from that analysis as

well as from our own observations, we were confident that the whole or nearly all the trouble was caused by the swamp water finding its way into the conduit ; but owing to the surface water being so high on the meadows through the summer, it was impossible to uncover the conduit, until the month of September, when it was done, and the fact proven that the conduit was in a very leaky condition.

Before, however, the Board could make any report and offer suggestions as to the best way to overcome the trouble, a committee of three citizens together with the Water Board, was appointed by the town, to examine into and advise upon the subject, and we would refer to their report.

The Board consider that it would be a great aid in keeping the water pure in the reservoir, if the pipe which delivers the water into the same, was continued so as to let the water flow in at a point opposite the outlet, thereby causing a greater circulation ; as it now is, both outlet and inlet are near one and the same end, and the main body of the water remains nearly quiet, only rising or falling as the supply is increased or diminished. As there is about enough pipe on hand to do the work, the expense of laying it, etc., would be but about $371 and we ask for authority to make this improvement.

The different purposes for which the town at the adjourned annual meeting, made special appropriations, viz., the grading of the grounds around the engine-house, the raising of the standpipe, and the purchase of a lathe and steam engine indicator, have all been fulfilled, and have proved satisfactory, with the exception that in the labor performed about the engine-house, there still remains considerable to be done, to bring the grounds into fair condition, which however can be left for a future time, or done without a special appropriation.

As our consumers have now been supplied with the town water for nearly four years, it has become not only a luxury, but a necessity ; therefore any diminishing, or interruption in the supply, were it only for a day, would cause much trouble and annoyance. The Board would therefore call the attention of the town to cer-

tain facts, as follows, and request that the deficiencies indicated may be obviated as speedily as it may be practicable.

1. In the last annual report attention was called to the advisableness of laying a 16-inch main in Boylston street, to connect the reservoir with the main in Cypress street, to insure a supply of water should a breakage occur in the main which now supplies the town through Warren street; perhaps the risk is not very great at present, but we think this should be guarded against, as soon as may be, and we deem it proper to recall the attention of the town to this matter.

2. During the month of July, it was found that after continuous pumping for several days, the maximum of water supplied the pumps through the conduit was 1,010,000 gallons in 24 hours; as we are confident that quite a percentage of that water came from the leakage in the conduit, between the filtering gallery and pump-well, we do not think the gallery as it is at present can be relied upon to furnish more than 900,000 gallons in 24 hours during the summer months, and that by another year it will become necessary to extend the filtering gallery; but as the bottom of the pump-well at the engine-house is at such a level, that when the water is drawn to its lowest point, there still remains in the gallery some 24 inches of water, and as there can be but little question that the flow into the gallery below that point is larger than in the same space above, during the summer months, we think that by making a depression in the bottom of the pump-well, and lengthening the suction of the pumps, a portion of that water can be utilized.

3. In cities or towns that furnish water to their inhabitants by pumping, it is almost universally considered of great importance to have an auxiliary or spare engine, either to assist in maintaining a supply, or to take the place of the regular engine in case of accident or repairs. The Board are advised by competent authority, that the town of Brookline having an engine capable of supplying the required quantity of water up to the maximum amount allowed by our charter, still need a lower priced machine as a reserve, to be used as occasion may require,

and that one of the capacity of 1,000,000 gallons in 24 hours would be the most suitable. The cost of such an engine would be about $2,000 exclusive of the setting.

In view of the large expense the town will probably be called upon to assume in the means taken to secure the purity of the water, delivered to consumers, the Board hardly feel justified in insisting upon the purchase of an engine this year, but they do consider it of the utmost importance to have another engine as a safeguard at the earliest time practicable.

For the same reasons that the Board advise the buying of another engine, and for stronger reasons, we feel it important that the works be furnished with an additional boiler immediately. The present Water Board upon taking charge of the works, understood that the engine was supplied with steam from a boiler fully able to furnish with safety the power required to run the engine to the amount of 2,000,000 gallons in 24 hours, against the height of water necessary to supply the town, and therefore it has been a common practice when the flow of water was ample, to run the engine at nearly full speed, at a boiler pressure of 67 lbs. to the inch, to gain on the reservoir, and to make up for time when the engine has been delayed for repairs, &c.; and not until within a few months were we informed by the boiler maker, that in carrying over 60 lbs. of steam, we were running a great risk, and upon further enquiry, we found that the contract for this boiler was, that it should have a working pressure of only 45 lbs. Mr. Worthington, who built the engine and furnished the boiler, cautions us not to exceed 50 lbs. pressure. We have, therefore, ordered the engineer not to exceed that point, to wit, 50 lbs., and although at that pressure the engine will pump at the rate of about 1,500,000 gallons in 24 hours, yet as there are many times during the year when it becomes necessary to stop the engine for a day or two either for cleansing or making repairs on boiler or engine, it is then with difficulty we are enabled to keep up the supply to the town, except by running nights, even if there is an abundance of water, and taking this fact with the importance of having a duplicate boiler to guard against accident, the Board

would advise the town to give them authority to purchase and set up a suitable boiler capable to fully perform the service likely ever to be required of it. The estimated cost of the same including placing in position ready for use, would be $2,000. The boiler now in service will answer as a reserve The Board offer the following vote:

Voted, That the Water Board be authorized to expend a sum not exceeding $2,000, for the construction and setting of an additional boiler at the engine-house, and that the same be charged to extension of Water Works, as a special appropriation.

For the purpose of laying such street mains as are already or may be petitioned for, and which the town may decide to have laid during the coming year, together with the expense of putting in service pipes, and other work incidental to the extension of Water Works, the Board would ask for an appropriation of $2,500, and for the maintenance of Water Works, $7,000.

We are now supplying the following:

Families,	1,073
Public boarding-houses,	4
Private hotels, 4, containing families,	27
Stores and shops,	55
Public stables,	8
Private stables,	114
Greenhouses,	20
Bakeries,	1
Gas companies,	1
Halls,	2
Railroad stations,	3
Town buildings,	10
Churches,	4

REVENUE COLLECTED.

1877.

From private consumers,	$8,794 88
Rent of engineer's house,	83 33
Amount carried forward,	$8,878 21

Amount brought forward,	$8,878 21	
TOWN OF BROOKLINE.		
*Highway Department,	2,016 00	
*Fire Department,	3,558 00	
*School-houses,	30 00	
*Police Station,	11 00	
*Town Hall,	56 00	
*Public Library,	15 50	
*Construction sewer,	35 10	
		$14,599 81
1878.		
From private consumers,	$10,547 28	
Rent of engineer's house,	200 00	
Sale of pipe,	62 18	
Sale of old material,	6 78	
TOWN OF BROOKLINE.		
*Highway Department,	$2,030 00	
*Fire Department,	3,700 00	
*School-houses,	45 00	
*Police Station,	11 00	
*Town Hall,	56 00	
*Public Library,	18 00	
		$16,676 24

*These items are credited to the water account and charged to the various departments enumerated, for use of water, by authority of a vote of the town, passed April 10, 1877.

CONSTRUCTION ACCOUNT.

Expended to Feb. 1, 1878 (see last report),		$501,172 23
Expended from Feb. 1, 1878 to Feb. 1 1879, as follows:		
On account of street mains,	$6,197 79	
Service pipe,	1,197 82	
Amounts carried forward,	$7,395 61	$501,172 23

Amounts brought forward,	$7,395 61	$501,172 23
On account of Pumping Station including grading of grounds,	845 93	
Gates and hydrants,	420 80	
Stand pipe, raising, etc.,	259 04	
Conduit,	380 85	
Miscellaneous,	12 76	
		9,314 99
Total to Feb. 1879,		$510,487 22

MAINTENANCE ACCOUNT.

From Feb. 1, 1878, to Feb. 1, 1879.

Pumping expenses, wages, oil, etc.,		$2,053 86
Fuel,		1,929 25
Repairs engine, boiler, furnace, etc.,		124 45
Repairs service pipes,		62 00
Repairs street mains, hydrants, and gates, and care of,		298 65
Repairs reservoir, and care of,		136 60
Repairs filtering gallery, conduit and force main,		108 70
Repairs engine house,		341 98
Repairs stand pipe,		34 56
Salaries and office expenses,		1,398 48
Engine indicator,		7 30
Miscellaneous,		466 60
		$6,962 43
Lathe	$170 00	
Engine Indicator	80 00	
		250 00
		$7,212 43

ESTIMATES FOR MAINTENANCE FOR 1879.

Pumping expenses, wages, oil, etc.,	$2,100 00
Fuel,	2,000 00
Amount carried forward,	$4,100 00

Amount brought forward,	$4,100 00
Repairs of engine, boiler, furnace, etc.,	250 00
Salaries and office expenses,	1,500 00
Repairs of street mains, hydrants and gates, Repairs of reservoir, filtering gallery, conduit and force main, Repairs of service pipe,	575 00
Miscellaneous,	350 00
Repairs of engine house and coal shed,	225 00
	$7,000 00

The Board would respectfully ask the town to take action on the following votes,

Voted, That the Water Board be authorized to lay a 12-inch circulating pipe around the inside of the reservoir at an estimated expense of $371, and the same be charged to the extension of Water Works.

Voted, That the Water Board have authority to lay a 6-inch main in Brookline avenue, from the point where the main now ends, to a point near the Boston line, a distance of 650 feet, at an estimated cost of $588, the same to be charged to the extension of Water Works.

Voted, That the Water Board be authorized to lay a 2-inch main in Chestnut place, from the point where the main now terminates, to the line of the estate of Ignatius Sargent, a distance of 500 feet, at an estimated expense of $200, and charge he same to the extension of Water Works.

Respectfully submitted,

OLIVER WHYTE,
FRANCIS HUNNEWELL,
WILLIAM J. GRIGGS,
Water Board.

Brookline, Feb. 11, 1879.

APPENDIX.

New York, Jan. 7, 1879.

To the Water Board, Broookline, Mass.

Gentlemen,—Since our conversation with Mr. Flinn and the examination of the very exact and valuable indicator cards he brought with him, it is without doubt best to put in another plunger on the high pressure side, $1\frac{1}{4}$ inch less diameter than the present.

I suppose you already know that the resistance against which the engine is now called to work, is different from that called for by the contract, and to which the plungers were adapted.

The expense of the change will not be far from $100.

Very truly yours,

HENRY R. WORTHINGTON.

REPORT OF THE SUPERINTENDENT.

To the Brookline Water Board:

Gentlemen,—I have the honor to present herewith the annual report of the Superintendent for the year ending Feb. 1, 1879.

STREET MAINS.

During the past year water-pipe has been laid in the following streets with cost as shown below. As there was no town survey of Babcock street district one has been made and plotted showing location of pipe.

6-INCH MAINS.

Cottage street, from end of pipe as before laid to Goddard avenue, 918 feet. Total cost (expense increased by ledge),	$949 39
Babcock street, entire length of street, 3,152 feet. Total cost,	2,238 97
Freeman street, from Babcock street to Pleasant street, 811 feet. Total cost,	588 31
Harvard street, from end of pipe as before laid to Boston line, 1,756 feet. Total cost,	1,362 62

2-INCH MAIN.

Chestnut place, 415 feet. Total cost,	$206 36
Street in front of McDonald's Block, 197.5 feet. Total cost,	$114 55

SERVICE PIPE.

The service pipe was laid by Kenrick Brothers till July 16th, after which date this work was done by the town.

Number of service pipes laid by Kenrick Brothers, 39. Number of feet of pipe, 769. Total cost, $634.54.

Number of service pipes laid by the town, 32. Number of feet of pipe, 738. Total cost, $301.05.

Enamelled iron pipe was used as before.

Examinations of this pipe during the past year, show that the enamel is not a very lasting protection against oxidation, especially in some kinds of earths, and in none where it has been exposed to view, does it appear to stand as well as the tar coating on the mains.

No leak has occurred in any of these pipes laid during the year.

Total number of service stops as per last report,	767
Laid since former report,	71

Total number laid to date,	838
Total number of stops opened as per last report,	702
" " opened to date,	775
Total increase,	73
" number of stops not opened to date,	63

LEAKS.

There were 17 leaks in the street mains, costing for repairs, $55.81; sixteen of these were in the lead joints, none large, and one was in a 2-inch pipe which was found split. Only one leak has occurred in the force main, and was repaired at an expense of $9.25. The number of leaks in the service pipe were nine, costing for repairs, $77.03; three of these were caused by settling of sewer trench, and two were in services on Brookline avenue, which have been re-laid with tin lined lead pipe, at a cost of $42.66.

It seems that the enamelled pipe could not stand the effects of the salt peat mud, and was found eaten through in places.

HYDRANTS.

The hydrants are in good working order. Eight valves have been renewed at a cost of $38.67; and seven frost-jackets lowered at an expense of $13.89. No hydrant has ever frozen up. Those set the past year were of a new pattern, one Pattee and Perkins on trial, which so far has worked satisfactorily, and the remainder made by the Boston Machine Co., which shut against the pressure, instead of with it, the object being to avoid a water hammer, in which as yet they seem to be successful.

Every hydrant has been carefully inspected and oiled several times during the past year, those in the most thickly settled parts of the town, usually once a week.

TELEGRAPH.

No outlay has been made on telegraph instruments. The only expense in keeping the line in repair was in setting five new poles in the place of those demolished by lightning, cutting the brush, and replacing a few insulators.

RESERVOIR.

The walks around the reservoir were gravelled last May at an expense of about $50. The inlet pipe running across the western dam was found to be broken off where it left the screen-house, caused by the settling of the dam, and has been repaired. In April last the reservoir was drawn off and thoroughly cleaned.

No great amount of sediment was found on the bottom or sides, but what there was, was of such a character as to taint the water. The water in the reservoir might be kept in a purer state by causing more circulation in it.

CLEANSING THE MAINS.

Last March a 6-inch blow-off was put in the 14-inch force main, a few feet from the engine-house, carrying the water from the pumps into the swamp beside the pipe from the air pump, the object being to get rid of the foul water, which came from the conduit when flushing it, as soon as possible after leaving the pumps, and not allow it to be discharged at a point farther on as formerly, and consequently depositing sediment along the inside of the force-main for nearly half its length.

Later in the season an 8-inch blow-off was put in the 16-inch main on Grove street, near the school-house, this being the lowest point between the stand-pipe and Brighton street.

The velocity of the water in this main when the pumps are delivering at the rate of two million gallons per 24 hours is only 2.22 feet per second, and during several weeks in summer the velocity does not exceed 1.38 feet per second, consequently this main is a kind of settling basin and becomes foul after a time; about three inches of mud and sand was found in the bottom of the pipe, besides a coating of fine material all around the inside. When this blow-off is open the velocity of the water is much more than doubled, and this main is cleansed its entire length; large quantities of mud and foul matter have in this way been cleaned out, and it has made a noticeable difference in the color of the water blown off at the hydrants throughout the town. There have also been three 2-inch blow-offs put in the ends of the mains on the following named streets: Dudley street (Longwood), Beacon street, near St. Mary's, and Ivy street. All through the year the mains have had to be constantly flushed, on some streets as often as once a week, and such a state of things will continue as long as the town is supplied with water through the present conduit.

I subjoin the following tables showing the record of consumption, location of hydrants, gates, &c.; all of which is respectfully submitted.

F. F. FORBES,
Superintendent.

RECORD OF CONSUMPTION.

	Average daily consumption.		Total consumption.	
	1877	1878	1877	1878
February	308,400	344,234	8,635,091	9,638,543
March	240,932	374,051	7,468,890	11,595,585
April	251,896	565,268	7,556,900	16,958,048
May	326,566	477,614	10,123,548	14,806,042
June	462,566	520,330	13,877,008	15,609,925
July	476,684	744.601	14,777,200	23,082,633
August	438,546	498,022	13,594,920	15,438,693
September	463,306	508,148	13,899,193	15,244,447
October	352,466	420,240	10,926,432	13,027,439
November	280,745	354,823	8,422,351	10,644,681
December	292,991	337,566	9,082,721	10,464,559
	1878	1879	1878	1879
January	326,805	401,165	10,130,969	12,436,099
Total			128,495,223	168,946,694

LENGTH AND SIZE OF IRON PIPES USED.

LOCATION OF PIPE.	DIAMETER OF PIPE.							
(1st), as stated in former reports:	12 to 16 inch.	10 inch.	8 inch.	6 inch.	2 inch.	1½ inch,	1¼ inch.	1 inch.
Force-main, engine-house to stand-pipe	14-inch. 9,070							
Main from stand-pipe to reservoir	16-inch. 13,456							
Street mains as per former report	12-inch. 11,162	1,864	15,723	63,566	6,468	2,193	426	438
(2d), laid since former report:								
Cottage St., to Goddard Av				918				
Babcock St				3,152				
Freeman St				811				
Harvard St				1,756				
Chestnut Pl					300			
Street by McDonald's Block					197			
Total to date	33,688	1,864	15,723	70,203	6,965	2,193	426	438

Total, 131,500 feet, or 24 9-10 miles.

LIST OF HYDRANTS.

Number of hydrants set as per last report, 141.

The following have since been set in 1878:

One at corner of Cottage street and Goddard avenue.
One on Harvard street, nearly opposite house of George Coolidge.
One on Harvard street, nearly opposite house of D. S. Coolidge.
One on Harvard street, near Boston line.
One on Babcock street, 1,000 feet from Harvard street.
One on Babcock street, 2,000 feet from Harvard street,
One on Babcock street, corner Brighton avenue.

Total number to date, 148.

LIST OF STOP GATES SET IN 1878.

One 6-inch gate on Harvard street, near house of I. S. Getchell.
One 6-inch gate, corner Babcock and Harvard streets.
One 6-inch gate on Babcock street, opposite Freeman street.
One 6-inch gate, corner of Freeman and Pleasant streets.
One 2-inch gate, corner of Chestnut street and Chestnut place.
One 8-inch blow-off gate Grove street, near school-house.
One 6-inch blow-off gate, near engine-house.
One 2-inch blow-off gate on Dudley Street, (Longwood).
One 2-inch blow-off gate on Beacon street, near St. Mary street.
One 2-inch blow-off gate on Ivy street, near St. Mary street.
One 2-inch blow-off gate on Chestnut place.

WATER CART FEEDERS.

Number as per last report, 17.
None have been set during the past year.

DRINKING FOUNTAINS SET.

One in Harvard square.
One on Boylston street, near Duffy's shop.
One on Boylston street, corner Brighton street.
One on playgrounds, Cypress street.

REPORT OF THE ENGINEER.

PUMPING STATION, BROOKLINE WATER WORKS,
WEST ROXBURY, Feb. 8, 1879.

To the Brookline Water Board:

GENTLEMEN,— I have the honor to present the report of the Engineer for the year ending February 1, 1879.

The pumping engine is in first-class condition, and has needed but slight repairs during the year.

By reference to Table A it will be seen that a much better duty has been obtained than in 1877. Table B shows the pumping expenses. Although the quantity of water pumped through the blow-off is more than doubled, the total pumping expenses is nearly twenty per cent. per million gallons pumped to reservoir, less than last year.

Last June I tested the level of the steam and water cylinders and found them out of line, the foundation having settled slightly. This is supposed to be caused by a large spring in the pump

well, washing the sand from under the foundation. The spring has been filled with broken stone, but, as the sand still comes into pump well, it is possible that the foundation will continue to settle. Should it do so, the pumps will have to be raised, as the friction of the engine (as shown by Indicator) is now six and one-half per cent. of steam pressure on piston.

A very severe strain is thrown on the engine when filling the force-main, the air getting trapped in several places between engine-house and stand-pipe. This can be avoided by placing automatic air cocks on the highest points of the pipe.

Some improvements have been made on the engine and boiler, and everything connected with them has been kept in the highest state of efficiency.

Respectfully submitted,

RICHARD J. FLINN,

Engineer.

TABLE A.

ENGINE RECORD FOR YEAR ENDING FEBRUARY 1, 1879.

MONTHS.	Separate days pumping.	Total time pumping to reservoir.		Pumping time per day.		Total gallons pumped to reservoir.	Wat'r pressure, pounds per square inch.	Water in well below gauge; feet.	Head against pump; feet.	Gallons per hour while pumping.	Gallons pumped per pound of coal.	Strokes per minute.	Total coal, pumping to reservoir.	Pounds of wood used.	Coal value of total fuel.	Duty in pounds of water raised one foot high per 100 lbs. of coal.
		Hrs.	Min.	Hrs.	Min.											
1. 1878.	2.	3.		4.		5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
February	20	168	20	8	25	9,958,432	72.300	18.372	185.385	59,159	301	44.8	32,863	499	33,088	46,533,004
March	25	224	50	9	..	11,712,712	71.840	16.795	182.745	52,095	294	39.5	39,438	845	39,818	44,832,151
April	23	399	20	17	22	16,688,584	73.609	18.801	188.838	41,791	315	31.7	52.597	840	52,975	49,613,968
May	23	221	45	9	38	15,777,608	81.609	19.511	208.028	71,150	294	53.9	52,825	2,028	53,738	50,752,571
June	18	192	50	10	43	14,013,384	83.444	21.384	214.140	72,671	302	55.1	45,525	2,095	46,468	53,858,331
July	28	490	10	17	43	26,677,288	75.321	21.978	195.970	53,767	334	40.7	79,439	1,125	79,945	54,538,855
August	20	225	15	11	16	13,910,864	76.300	20.903	197.156	61,757	320	46.8	42,765	1,493	43,437	52,658,724
September	16	223	50	13	59	13,955,128	74.844	21.730	194.620	62,346	336	47.2	41,155	969	41,591	54,461,297
October	20	253	15	12	40	13,892,648	73.250	21.064	190.272	54,857	329	41.6	41,776	1,108	42,275	52,148,563
November	21	188	55	9	..	11,655,600	73.881	20.320	190.985	61,697	321	46.7	35,830	1,040	36,298	51,146,656
December	16	161	25	10	5	11,089,848	76.344	17.876	194.231	68,703	328	52.0	33,035	1,779	33,836	53,092,255
1879.																
January	19	186	30	9	49	11,963,160	74.868	20.006	192.951	64,146	326	48.6	36,095	1,450	36,748	52,387,212
Totals and averages.	249	2,942	25	11	49	171,295,256	75.634	19.895	194.61	58,216	317.5	44.1	533,343	15,271	540,217	51,549,753
Deduct one per cent. for loss of action in pumps						169,582,304				57,634	314.3					51,034,255

Number of gallons pumped through blow-off, 15,812,028.

Table B.

PUMPING EXPENSES FOR 1878.

Pumping to Reservoir:	
Salaries of Engineer, Fireman and extra labor; repairs and additions to engine and boiler, and small supplies,	$1,861 36
$133\frac{808}{2000}$ tons coal, at $5.45,	727 05
$118\frac{215}{224}$ tons coal, at $6.18,	735 40
15,271 lbs. wood, at $7.25 per cord,	59 27
Heating building:	
$5\frac{775}{2000}$ tons coal, at $5.45,	29 36
$8\frac{539}{2240}$ tons coal, at $6.18,	50 93
1,028 lbs. wood, at $7.25 per cord,	3 99
Pumping through Blow-off:	
Salaries, &c.,	192 50
$3\frac{1290}{2000}$ tons coal, at $5.45,	19 87
$12\frac{736}{2240}$ tons coal, at $6.18,	75 15
8,198 lbs. wood, at $7.25 per cord,	31 82
	$3,786 70

	1877.	1878.
Cost of raising one million gallons into reservoir,	$27 81	$22 33
Cost of raising one million gallons one foot high,	0 $13\frac{77}{100}$	0 $11\frac{47}{100}$
Deducting cost of blowing off, we have,—		
Cost of raising one million gallons into reservoir,	26 45	20 44
Cost of raising one million gallons one foot high,	0 $13\frac{9}{100}$	0 $10\frac{51}{100}$

TWENTY-SECOND

ANNUAL REPORT

OF THE

TRUSTEES OF THE PUBLIC LIBRARY

OF THE

TOWN OF BROOKLINE.

BOARD OF TRUSTEES.

Term expires 1879.	Term expires 1880.	Term expires 1881.
Charles D. Head,	Thomas Parsons,	Augustine Shurtleff,
George M. Towle,	R. G. F. Candage,	Charles H. Drew,
James M. Codman,	Henry M. Whitney,	William Aspinwall,
Henry V. Poor.	James P. Farley, Jr.	Howard N. Brown.

OFFICERS.

President,	Thomas Parsons.
Secretary,	Charles H. Drew.
Treasurer,	Charles D. Head.
Committee on the Library,	Augustine Shurtleff, James M. Codman, George M. Towle.
Committee on Finance,	R. G. F. Candage, William Aspinwall, Henry M. Whitney.
Librarian,	Miss Mary A. Bean.
Assistants,	Miss Amelia A. Woods, Miss Clara A. Woods.
Janitor,	William D. Morrison.

The library is open every secular day throughout the year except the five legal holidays—Feb. 22, Fast day, July 4, Thanksgiving day and Christmas.

Hours from 9 A. M. to 9 P. M.

TRUSTEES' REPORT.

The Trustees present this, their twenty-second annual report, and the reports of the librarian and the treasurer of the Board.

The library is in a more satisfactory condition than for some years before. The circulation is as large as ever, and it is believed by the Board that its usefulness has been undiminished during the past year, notwithstanding that it was necessarily closed during some weeks for the purpose of making the special examination. The experiment of furnishing accommodation for the younger frequenters of the library in the outer hall, where they might conveniently use the illustrated newspapers and magazines, and thus leave Gardner Hall for the use of older readers, appears to have resulted well and to have added to the comfort of both classes.

PRESERVATION OF BOOKS.

The mutilation of books, an evil referred to at some length in the last annual report, continued to increase, until it became necessary to close the building for nearly eight weeks, to the end that each book might be carefully examined, page by page, and thoroughly cleansed.

This was accomplished by the expenditure of great labor and considerable money. Many volumes were found to be so badly defaced that no pains could render them fit for further circulation, and they were necessarily replaced by new ones. In others, scribblings were erased when in pencil, noted when

in ink, and the books made as presentable as might be under the circumstances.

The librarian's report gives the number of volumes thus discarded.

It being evident to the Board that the establishment of some entirely new regulations had now become imperative, it was determined that a system should be at once adopted which would lead to the detection of those wantonly destroying the town's property, and expose them to well merited punishment.

The rule was adopted that every book should hereafter remain in one day before being re-issued and should be during this interval carefully inspected. This procedure has vastly increased the work, and rendered necessary the employment of additional aid. The result has been, however, eminently satisfactory. A number of convictions have been made, and the books are returned in comparatively good condition.

No better method of preserving the library suggests itself than the continuance of this regulation. It is, however, to be regretted that the money which otherwise might be devoted to the increase of the library should be required to repress vandalism in an educated community like this. Fair usage of books, which one would suppose might be reasonably counted upon in Brookline, would be a saving to the library of hundreds of dollars in every year.

READING–ROOM.

The establishment of separate reading tables for the boys and girls, as already stated, has proved in every way a happy arrangement.

The children are enabled to look over the pictorials without feeling that they may be disturbing those who wish to read the periodicals and newspapers, and Gardner Hall is now a comparatively quiet and comfortable place for the perusal of the large and varied amount of serial literature with which the tables are covered.

A more secluded room, where books of reference can be consulted, and scientific study or historical research prosecuted, is the one great want that is more and more clearly indicated each year.

FUNDS.

Many standard and valuable works have been added to the library, during the year, by use of the income of the Gardner fund. Among the most noteworthy may be mentioned Sir Rutherford Alcock's "Art and Industries in Japan," Mrs. Brassey's "Voyage in the Yacht Sunbeam," Curtis's "Homes of American Authors," Capt. Burnaby's "Asia Minor," Gray's "China," Havard's "Picturesque Holland," Hulme's "Familiar Wild Flowers," "New England Historical and Genealogical Register," (thirty volumes,) "Lang's Cypress," Sir F. Palgrave's "Normandy," Timbs's "Curiosities of London," Stanley's "Through the Dark Continent," and Spedding's "Bacon," and a number of standard German works, including Stolberg, Gleim, Herder and Weiland.

The Hall fund has also been the means of adding to the library a number of books of permanent and positive value, including Cook's "House Beautiful," Duyckinck's "Cyclopædia of American Literature," Guizot's "England," Lessing's Works, Robertson's "History of the Christian Church," Smith's "Ancient History of the East," Tyler's "American Literature," Van Laun's "French Revolution," Vapereau's "Dictionnaire Universel," Finlay's "History of Greece," and Green's "History of the English People."

The Trustees would state that there is some doubt whether the income of the Gardner fund, will be wholly available during the coming year. That fund is invested in a first mortgage on a house owned by the late Arthur Cheney, whose estate is not yet settled. It is not unlikely that difficulty and delay in transferring the investment to some other

security may involve the loss of a portion, at least, of the year's income of the fund.

STATISTICS.

The total number of volumes now in the library is 22,925, and of this number 1,540 have been added during the past year.

The circulation for the year has reached 47,295 volumes, of which 44,736 volumes have been for home use. Some 2,559 volumes have also been consulted for reference.

The Board take pleasure in commending the faithful service of the librarian and her assistants. Although the service required of them during the year has been more arduous than in any former year, it has been performed energtically and efficiently, and to the satisfaction of the Trustees.

The Trustees request, as in former reports, the co-operation of the citizens in making the library more and more valuable and practically useful, and to this end request that any one who observes any deficiency in the library, either in books, periodicals, or the method of performing the library service, will communicate his suggestions to the Board, who will give all such suggestions due attention.

[Signed,] THOMAS PARSONS, *President.*
CHARLES D. HEAD,
AUGUSTINE SHURTLEFF,
R. G. F. CANDAGE,
GEORGE M. TOWLE,
JAMES M. CODMAN,
HOWARD N. BROWN,
HENRY V. POOR,
HENRY M. WHITNEY,
JAMES P. FARLEY, Jr.,
WILLIAM ASPINWALL,
CHARLES H. DREW, *Secretary.*

Brookline, Feb. 1, 1879.

TREASURER'S REPORT, 1878-9.

To Charles D. Head, Treasurer, in Account with Brookline Public Library.

Dr.

To amount on hand, Feb. 1, 1878,	$529 43	
To amount of Town appropriation,	4,000 00	
Income Gardner Fund,	800 00	
" Hall "	300 00	
from fines and catalogues,	152 80	
		$5,782 23

Cr.

By amount paid for salaries of assistant librarians,	$1,200 00	
Extra help examining, cleaning and cataloguing books,	328 00	
Janitor,	600 00	
Labor, repairs, &c.,	176 19	
Books,	1,209 98	
Magazines and newspapers,	353 37	
Printing and stationery,	214 58	
Furniture,	220 28	
Binding books,	166 02	
Gas,	345 90	
Coal,	131 76	
Insurance,	150 00	
Express and ice,	49 00	
	$5,145 08	
Amount to credit of new account,	637 15	
		$5,782 23

CHARLES D. HEAD, *Treasurer.*

Brookline, Feb. 1, 1879.

Brookline, Feb. 10, 1879.

I have examined the foregoing account with vouchers, and find the same correct, and the balance on hand to be the sum of six hundred and thirty-seven $\frac{15}{100}$ dollars.

[Signed.] R. G. F. CANDAGE, *Auditor.*

LIBRARIAN'S REPORT.

BROOKLINE, Feb. 1, 1879.

To the Trustees of the Brookline Public Library:

GENTLEMEN,—I herewith respectfully submit my seventh annual report, presenting the principal points of interest in the annals of the library, for the official year ending January 31, 1879.

The even tenor of library routine from year to year affords but little material for other than the most monotonous repetitions of facts and figures, but the year just closed has been marked by several innovations requiring much additional time and service, and rendering it altogether the most laborious library year in the experience of those immediately connected with its administration.

Notwithstanding the amount of extra labor, I am glad to report that the various requirements have been fully met, and all legitimate work of the library completed.

A general summary of the year indicates the condition of the books to have been much improved, the accessions to have been numerous and varied, the ratio of circulation to have equalled that of last year (the largest on record), and every department of the library to have been in thorough working order.

CONDITION OF THE LIBRARY.

On the last day of January, 1879, the library contained 22,925 volumes, an increase of 1,509 volumes over last year, when the total stood 21,416. During the year 1,540 volumes have been added, and 31 volumes permanently withdrawn.

The duplicates have increased 159 volumes by gift, and 123 volumes by removal from the shelves, amounting to 282 additional volumes, and a total of 1,466 unused duplicates. Deducting this number of duplicates from the total number of volumes, we have 21,459 volumes in actual service.

A larger number of volumes than in any previous year has been discarded on account of their mutilated and defaced condition, most of them having been condemned at the time of the examination. 384 volumes have been withdrawn, and 316 of them replaced. All but 31 of the remainder will be restored as soon as copies can be procured.

The effect of last summer's cleaning has been to place the books in better condition than for years before, and a daily examination has been maintained since the re-opening of the library, in order to preserve this condition.

ACCESSIONS.

The growth of the library has been largely promoted both by gift and by purchase, the total number of accessions exceeding, by nearly 1,000, that of any other year since my connection with the library.

The statistics of accessions stand thus: by purchase, 945 volumes; by gift, 495 volumes; by bound periodicals, 100 volumes; making a total of 1,540 volumes.

The character of these additions equals in excellence that

of any preceding year, and contributes much to the substantial value of the library. Great care and deliberation have been bestowed upon the purchase of books, with a view to increase the usefulness, as well as the recreative facilities of the library, and, by judicious *exclusion*, an effort has been made to restrain in a measure the growing tendency of the young to choose only that pernicious class of literature called juvenile fiction, much of which is fit only for the fire — never for a child's mind.

Numerous and valuable gifts in books, pamphlets, newspapers and unbound periodicals have been received from various friendly sources, making, in the matter of books alone, nearly one-third of the year's accessions. The files of newspapers thus received have been particularly valuable; among them may be mentioned the complete files contributed by R. M. Hodges, M. D., from his late father's collection. Many other gifts are equally noteworthy, but the limits of this report do not permit their notice, except in the tabular form appended.

CIRCULATION.

In consequence of the special examination and cleaning of books in the months of August and September, the library was necessarily closed, thus limiting the circulation to 259 days, during which time 44,736 volumes were delivered for home use, and 2,559 for use in the library, making a total delivery of 47,295 volumes, or an average of 182 per day.

February 23, 1878, registered 425 volumes given out, being the largest daily issue ever known in the library.

Fines to the amount of $112.37 have been collected in response to 2,914 notices sent for books over due.

LOSSES.

The losses incident to this circulation have been six volumes, only one of which can be recovered, the others having fallen into the hands of book thieves, one of whom proves to have been a professional who has been practicing upon out-of-town libraries for nearly two years, and selling his plunder as second-hand books. The young man made his appearance at the Brookline library in the latter part of February 1878, and took out cards in the regular way for himself and his mother, whom he represented as unable to leave her home. He came to the library several times, seemingly a quiet, well-disposed person, who knew how to choose good books; but after obtaining, at different times, Lecky's "European Morals" and Lossing's "Fieldbook of the Revolution" (two volumes each), he disappeared.

The janitor made every effort to find the man, but without success, and the matter was reported to the Chief of Police for investigation, but with the same unsatisfactory result.

Nobody had ever seen or known such persons, and there the case rested until about five months since we had the satisfaction of learning that the man's career had been checked for a while, through the instrumentality of Mr. William B. Clarke, bookseller, who detecting him in the act of selling stolen books, had caused his arrest.

He is now serving a term of six months for his depredations in one library, and Brookline library awaits its turn to take him in hand, so that after having served a round of sentences for his various offences in Brockton, Stoughton, Stoneham, Melrose, Somerville and other places, he may discover that stealing library books is unprofitable.

The thanks of our library, in common with others in the vicinity of Boston, are due to Mr. Clarke for his prompt

action in behalf of their interests, and for his successful effort in bringing the offender to justice.

LIBRARY WORK.

In addition to the regularly increasing work of the library, following upon the steady growth of circulation and accessions, the hours of the library have been extended from 9 A. M. to 9 P. M., thus requiring three hours additional attendance and labor per day, since May last.

The compilation of the school catalogue forms another item in the extras of the year, and claimed weeks of careful study and attention. This work, undertaken by vote of the Trustees, at the request of the School Committee, was begun in the summer, but was necessarily laid aside for the pressing duties of the examination, and not resumed until after the accumulated work following the examination, had been disposed of. The catalogue has been recently completed, submitted for approval, and returned with kindly commendations. As soon as printed it will be placed in the hands of the pupils, where, it is hoped, its mission will be beneficial.

Early last spring, the Brookline library was invited to share in the labor of the compilation of the new edition of Poole's "Index to Periodical Literature," and with the sanction of your Board the invitation was accepted and the work assumed, but I regret to say that I have been compelled to neglect it for the more urgent and immediate demands of our own work. I trust that the coming months will afford opportunity for resuming this work and pressing it to the end.

EXAMINATION.

For several years past an unpleasant duty has forced me to call attention to the abuse of books which, from year to year, has grown more general and more unscrupulous until

the evil cried aloud for correction. But the then existing state of nearly every book, precluded the possibility of fastening the guilt of mutilation or defacement upon any single individual, since each accused party disclaimed all knowledge of the mischief and declared the book to have been in precisely that state when taken out, consequently it became evident that in order to detect the offender and prove his offence, we must first put the books themselves in such condition as would leave no future possibility of dodging the issue.

A plan was therefore adopted by which every book in the circulating library should undergo a searching examination and be made clean. This meant the erasure of all pencil marks, and the removal of every other form of defacement, so far as practicable, noting all exceptions in order to prevent wrongful accusations when books were again in circulation.

This examination was appointed for August, and extended itself to the latter part of September, a period of nearly eight weeks, during which time nearly 20,000 volumes were carefully examined, page by page, leading to the discovery that over four-fifths of them were more or less marked, and subjects for corresponding degrees of rubbing to make them presentable.

Books were found in every conceivable stage of abuse, thousands requiring hard rubbing from end to end, while a large number (297 volumes) were so utterly defaced as to be worthless, and were necessarily withdrawn and replaced. Hundreds of others, containing torn leaves, were mended by the assistants, and the more dilapidated cases (161 volumes) sent to the book-binder for repairs.

The accomplishment of this task required the entire library force, and the employment of seven additional assistants, besides a volunteer service of several weeks.

To give an approximate idea of its extent, I quote, from my special report in August, the following statistical table

of results in the single department of fiction, showing 4,245 injured books out of a total of 5,017.

Alcove.	Vols. examined.	Vols. cleaned.	Vols. withdrawn.	Vols. unmarked.
1	1,166	908	92	166
2	1,165	947	43	175
9	1,310	983	38	239
10	1,376	1,130	104	142
Total,	5,017	3,968	277	772

These four alcoves contained altogether the worst phases of the work, although similar results were reached in nearly all the other departments, except in the number of discarded books, which was much less.

The practical results of this endeavor to secure cleanliness and repress abuse cannot be doubted, when we recognize the facility with which the slightest injury to a book can now be traced, several cases having been already dealt with.

The salutary influence upon the younger borrowers is marked by the caution with which a book is taken, as well as by the scrupulous manner of reporting even torn covers, with an apology.

The effect of the present daily examination and of an occasional challenged book goes far to impress the hitherto lawless ones, with a wholesome respect for the fixed purpose of the library authorities to detect and punish every offender.

The necessity of this constant supervision is very much regretted by the officers of the library, and is felt to be an inconvenience by portions of the community, but it is believed that the preservation of library property warrants the measure for the present, and it is hoped that the good results already shown will lead any who may have felt this annoyance to waive their personal objections in deference to the general interest of the library.

CATALOGUE.

It is now more than five years since our catalogue was published and copies freely supplied for use in the library. Numerous expedients in the way of interleaved catalogues, annual lists, and monthly bulletins have been adopted and maintained, in order to keep pace with the new books added, but the time has arrived when these have ceased to be useful by reason of their multiplicity.

All these methods have served their purpose well for the time originally intended, but beyond this point their practicability may be reasonably questioned.

At the time the interleaved catalogues were recommended and introduced, some of the members of your Board will remember that my estimate for their probable time of service was about five years, and experience has verified the estimate, for that term has fully expired, and the capacity of these catalogues will have reached its utmost limit in less than six months.

The remedy lies in the publication of a full supplement to the catalogue of 1873, which shall include all the accessions since that time. This supplementary catalogue would represent nearly 8,000 volumes, and would make a handsome volume of about 350 pages, or half the size of the present catalogue, which represents over 16,000 volumes.

The need of such a catalogue has been forcibly felt for more than a year, and was suggested in the last report, but in deference to public feeling in regard to expenditure the matter was not pressed. It now becomes necessary to make an urgent appeal in behalf of the speedy undertaking of a work which every interest of the library and of the reading public demands.

Foreseeing the time when this necessity would inevitably come, I have, in addition to my regular library duties,

taken the responsibility of preparing, in a measure, for the emergency, by keeping a manuscript copy of all new titles, which, when arranged and revised, will furnish printer's copy.

Should the wished for appropriation be granted, the careful preparation and final revision of this copy will require nearly three months, the printing and proof-reading will need two months more, so that within five months we could issue a supplement equal in merit to the catalogue itself, and in every way worthy of the Brookline Public Library.

CATALOGUE FOR SCHOOL USE.

A conviction has been growing in my mind for several years, while watching the *manufacture* of juvenile literature and its effect upon the young, that the entire freedom which our public libraries afford to school children for indiscriminate and frequent use of these books is a positive injury to them, leading to a most inordinate consumption of such reading matter, which is altogether incompatible with true mental training and growth.

Nothing is more helpful or more pleasurable than well-chosen reading for the young, but that they themselves are always capable of making their selections wisely, is a question which should give serious concern to every parent having the welfare of childhood at heart, and one whose discussion has led to an effort on the part of the School Committee and Trustees to furnish some guidance in the choice of books from this library, by the compilation of a catalogue which shall serve the immediate needs of school children and diminish the chances of unsuitable selection.

This catalogue has been prepared with a view to meet the wants of the more advanced pupils of the High School, as well as of the different grades of the grammar schools,

consequently it covers a wide range of books and a diversity of tastes; but it has something for all, and it is hoped that all classes will find it helpful in the choice of books, and leading to higher and better results in education.

CONCLUSION.

The monthly bulletins have been published regularly, and aid sensibly in giving the freshest accessions free circulation. The sixth annual list of additions accompanies this report and furnishes a convenient reference list for home use.

Thus the record of the year's service will attest the genuineness of every effort to reach the highest measure of usefulness, and to preserve the standard of the library unimpaired. If these efforts meet your approval our work will have been amply repaid, and encouragement given for the future.

MARY A. BEAN,
Librarian.

APPENDIX

TO

LIBRARIAN'S REPORT.

1878-79.

APPENDIX A.

ACCESSIONS BY GIFT. LIST OF GIVERS.

NAMES.	VOLS.	PAMS.	NOS.
Allen, Edward G. *London.*	1		
American Unitarian Association. *Unitarian Review* for 1878.			12
Amory, James S.	5		
Amory, *Dr.* Robert.		1	
Andover Memorial Hall Library.		1	
Astor Library, New York.		1	
Bean, John D.	1	1	
Bigelow, Erastus B.	1		
Booth, *Hon.* Newton.	1		
Boston Athenæum Library. *Catalogue, pp.* 1815–2102.			
Boston Public Library. *Bulletins, etc.*		4	
Bowman, Alonzo.		3	
Bradlee, *Rev.* C. D.	15	2	
Brookline Woman's Christian Temperance Union.			
National Temperance Advocate for 1878.			12
Young People's Comrade for 1878.			12
Brooklyn Mercantile Library. *Catalogue, Pt. 2.*	1		
Burlington, *Vt.* Fletcher Free Library.		1	
Candage, *Capt.* R. G. F.	3	1	
Also:—The Independent for 1878.			
Candler, John W.		1	
Chase, William L.	1	4	
Chicago Public Library.		1	
Childs, George W.		1	
Christian Register Association. *Christian Register for 1878.*			
Claflin, *Hon.* William.	10	1	
Cobden Club. *London.*		1	
Concord Free Public Library.	1		
Cornell, William M.	1		

NAMES.	VOLS	PAMS.	NOS.
Dana Library, Cambridge.	1		
Dedham Public Library.		1	
Dexter, George. *2 maps.*	30	2	
Dimon, J. Lewis.	1		
Fall River Public Library.		1	
Ferree *& Co., publishers. The Librarian. July–Dec., 1878.*		17	
Fisher, Horace N. *American Railroad Journal 1845–6. (unbound).*	2		
Flint, Charles L.	1		
Gross, Willard Y.		38	
Hartford Library Association.		1	
Haverhill Public Library. *Catalogue.*	1		
Head, Charles D.	1	1	
Henderson, Charles A.	2		
Also:—Athenæum. Jan.–July, 1878. Illustrated London News. Jan.–July, '78 Public Opinion. Jan.–July, 1878. Star and Herald. Jan.–July, 1878.			
Hills, Richard.	10	54	130
Also:— Boston Journal, 1861–2, 1864. Christian Register. 1871–76. Commercial Bulletin. 1877–78. Transcript. 1861–3, '65, '67–'78.			
Hodges, *Dr.* R. M.	226	38	1
Also:— Boston Daily Advertiser. 1857, 1861–78. New York Evening Post, (*semi-weekly*) 1872–78. New York Times, (*semi-weekly*) 1863-78. Christian Union, 1873–76.			
Holmes, *Dr.* Oliver Wendell.		1	
Houghton, Osgood *& Co., publishers. Catalogue.*	1		
Howgate, *Capt.* H. W., *U. S. A.*		1	
Indianapolis Public Library.		2	
Ives, William.		1	
Jackson, *Mrs.* C. C.	8		
Kingman, Bradford.	50		
Knox, John Jay.		1	
Lancaster Public Library.		1	
Lawrence Public Library.		5	
Lincoln, Albert L., *jr.*		1	
Lowell City Library.		1	

NAMES.	VOLS	PAMS.	NOS.
Lynn Public Library.		1	
Macullar, Williams & Parker.	1		
Massachusetts, *Commonwealth of.*	6		
Massachusetts State Library.		1	
Massachusetts Society for Prevention of Cruelty to Animals.		3	
Also:—Our Dumb Animals for 1878.			12
Means, W. K.	3		
Melcher, William K.	35		
Morrison, William D. 1 *map.*			
Morse Institute, Natick.		1	
National Association of Wool Manufacturers. (*By A. C. Gould.*)	9	2	
New Bedford Public Library.		1	
Newburyport Public Library.		1	
Newton Free Library.		1	
New York Mercantile Library Association.		2	
Nicholson File Company.	1		
Philadelphia Library Company.		2	
Philadelphia Mercantile Library Company.		1	
Pool, Reuben B.		1	
Portland Public Library. *Newspaper report.*	1	1	
Providence Athenæum.		1	
Rice, R.		2	
Ropes, *Rev.* W. L.		2	
Ruggles, C. W.	8		
St. Louis Public School Library.		2	
Sargent, Charles S.		1	
Shurtleff, *Dr.* Augustine.	1	182	
Somerville Public Library.		1	
Springfield City Library Association.		2	
Stearns, *Mrs.* Anna M.	1		
Steiger, E.	1		
Syracuse, *N. Y.* Central Library. *Catalogue.*	1		
Terry, *Hon.* T. W.	1		
Thomas, Edward I.	1	1	
Toledo Public Library.		1	
Tufts College.		2	
Also:—Tuftonian for 1878.			9
United States Bureau of Education.		1	
Department of Agriculture.	4		
Department of Interior.	18	1	

NAMES.	VOLS.	PAMS.	NOS.
United States Department of State.	5		
Department of Treasury.	11		
Department of War, Surgeon General's Office.	2		
Patent Office. *Patent Office Gazette for 1878.*			
Unknown. *Received Feb. 15, 1878.*		1	
Unknown. *Received March 13, 1878.*		1	
Unknown. *Received June 22*, 1878.		1	
Wadsworth, *Mrs.* Susan E.	2		
Waltham Public Library.		1	
Ware, C. P. Army and Navy Journal 1863–6. (*unbound.*)			
The Nation 1873–78. (*unbound*)			
Warren, M. C.	1		
Warren County Library, *Monmouth, Ill.*		2	
Whyte, Oliver.	2		
Whyte, *Miss* Susan G.		1	
Wilder, E. *Topeka, Kan.*	1		
Winthrop, *Hon.* Robert C.	4	5	
Woburn Public Library.		1	
Woman's National Christian Temperance Union. *Our Union for 1878.*			11
Woods, Albert H.	1		
Woods, G. W., *& Co., publishers.* *Vox Humana for 1878.*			12
Worcester Free Public Library.		5	
Yale College Library.		1	
Total,	495	410	229

APPENDIX B.

BOOKS PURCHASED FROM THE GARDNER FUND.

	VOLS.
Alcock, *Sir* R. Art and art industries in Japan.	1
Bayne, P. Chief actors in the Puritian revolution.	1
Beers *& Co.* Atlas of Rhode Island.	1
Blades, W. Biography and typography of Wm. Caxton.	1
Bowring, *Sir* J. Autobiographical recollections.	1
Brassey, Annie. Voyage in the yacht "Sunbeam."	1
Burnaby, F. On horseback through Asia Minor.	2
Busk, *Miss* R. H. Valleys of Tirol.	1
Conder, C. R. Tent work in Palestine.	2
Conference of librarians at London, Oct., 1877.	1
Curtis, G. W., *and others.* Homes of American authors.	1
De Cosson, E. A. Cradle of the Blue Nile.	2
Dent, E. Annals of Winchcombe and Sudeley.	1
Gleim, J. W. L. Sammtliche Werke.	7
Gleims Leben.	1
Goodholme, T. S. Domestic cyclopædia.	1
Gray, J. H. China.	2
Green, S. G. French pictures.	1
Hakluyt society publications. No. 56.	1
Hamerton, P. G. Life of J. M. W. Turner.	1
Hamilton. A. Memoirs of Count Grammont.	1
Hare, A. J. C. Walks in London.	1
Havard, H. Picturesque Holland.	1
Herder, J. G. Werke.	4
Hooker, J. D. and Ball, J. Journal of a tour in Marocco.	1
Hueffer, F. The Troubadours.	1
Hulme, F. E. Familiar wild flowers.	1
Long, R. H. Cyprus.	1
Lockyer, J. N. Stargazing.	1
Lossing, B. J. The Hudson from the wilderness to the sea.	1

Massachusetts Historical Society. Collections, *5th series.* Vol. 4.	1
New England historical and genealogical register.	30
Palgrave, *Sir* F. History of Normandy and of England.	4
Rose, H. J. Untrodden Spain.	2
Smiles, S. Robert Dick.	1
Smith, H. Tent life with English gipsies in Norway.	1
Spedding, J. Life and times of Francis Bacon.	2
Stanley, H. M. Through the dark continent. (2 *copies.*)	4
Stolberg, C. and F. L. Gesammelte Werke.	20
Taine, H. A. French revolution. Vol. 1.	1
Taylor, M. Confessions of a Thug.	1
Tara: a Mahratta tale.	1
Thomson, *Sir* C. W. Voyage of the Challenger.	2
Timbs, John. Curiosities of London.	1
Trench, R. C. Lectures on medieval church history.	1
Upton, E. The armies of Asia and Europe.	1
Wallace, A. R. Tropical nature.	1
Waterton, C. Wanderings in South America.	1
Wieland, C. M. Werke.	3
Wood, C. W. Through Holland.	1
Wright, Chauncey. Letters.	1
Yeats, J. Technical, industrial, and trade education: Commerce.	4
Total,	127

APPENDIX C.

LIST OF BOOKS PURCHASED FROM THE HALL FUND.

	VOLS.
Adams, H. Documents relating to New England federalism.	1
Cook, C. The house beautiful.	1
Dana, W. B. Cotton from seed to loom.	1
Drake, F. S. Town of Roxbury.	1
Duyckinck, E. A., and G. L. Cyclopædia of American literature.	2
Finlay, G. History of Greece.	7
Gardiner, S. R. Personal government of Charles I.	2
Gervinus, G. G. Geschichte der Deutschen Dichtung.	5
Green, J. R. History of the English people. Vols. 1–2.	2
Guizot, F. P. G. History of England.	4
Haug, M. Essay on the Parsis.	1
Heine, H. Sammtliche Werke. 18 vols. in	9
Historical magazine.	10
Lecky, W. E. H. History of England in the 18th century.	2
Lessing, G. E. Dramatic works.	2
Martin, F. Statesman's year book for 1878.	1
Masson, D. Wordsworth, Shelley, Keats, and other essays.	1
Newcomb, S. Popular astronomy.	1
Robertson, J. C. History of the Christian church.	8
Smith, P. Ancient history of the East.	1
Smyth, C. P. Our inheritance in the great pyramid.	1
Thorpe, T. E., *editor*. Coal: its history and uses.	1
Tyler, M. C. History of American literature.	2
Van Laun, H. French revolutionary epoch.	2
Vapereau, G. Dictionnaire universel des contemporains.	1
Weber, A. History of Indian literature.	1
Total,	70

APPENDIX D.

REVISED LIST OF PERIODICALS IN THE READING ROOM.

Monthly.

Aldine.
American Journal of Science and Arts.
American Naturalist.
Appleton's Journal.
Atlantic Monthly.
Belgravia.
Blackwood's Magazine.
Chambers's Journal.
Contemporary Review.
Cornhill Magazine.
Fortnightly Review.
Fraser's Magazine.
Galaxy.
Gentleman's Magazine.
Harper's Monthly Magazine.
International Review.
Library Journal.
Lippincott's Magazine.
London Society.
Macmillan's Magazine.
Magazine of American History.
National Temperance Advocate. (*Gift.*)
Nineteenth Century.
North American Review.
Our Dumb Animals. (*Gift.*)
Our Union. (*Gift.*)
Popular Science Monthly.

Saint Nicholas.
Scribner's Magazine.
Sunday Magazine.
Temple Bar.
Tuftonian. (*Gift.*)
Unitarian Review. (*Gift.*)
University Magazine.
Vox Humana. (*Gift.*)
Young Gentleman's Magazine.
Young People's Comrade. (*Gift.*)

Quarterly.

American Journal of Numismatics.
American Law Review.
Bibliotheca Sacra.
British Quarterly Review.
Edinburgh Review.
New England Historical and Genealogical Register.
New Englander.
Quarterly Review.
Westminster Review.

Weekly.

American Architect.
Army and Navy Journal.
Athenæum.
Brookline Chronicle.
Christian Register. (*Gift.*)
Commercial and Financial Chronicle.
Commerical Bulletin.
Harper's Weekly.
Independent. (*Gift.*)
Littell's Living Age.
London Illustrated News.
Nation.
Notes and Queries.

Patent Office Gazette. (*Gift.*)
Pilot.
Public Opinion.
Publisher's Weekly.
Punch.
Saturday Review.
Scientific American.
Spectator.

Daily.

Boston Daily Advertiser.
Evening Traveller.
New York Herald.

Semi-Monthly.

Literary World.
Revue des Deux Mondes.

Bi-Monthly.

Princeton Review.

APPENDIX E.

LIST OF ACCESSIONS, 1878–79.

Abbot, Anne W. The Olneys. Boston, [1846.] 16°..... 1061.14

Abbott, Edwin Abbott. Philochristus: memoirs of a disciple of the Lord. Boston, 1878. 12°..... 1734.24

Abbott, Jacob. Description of the Mount Vernon school in 1832. Boston, 1832. 18°..... 1366.16

Abney, W. de Wiveleslie. A treatise on photography. New York, 1878. 16°..... 465.3

Adams, Charles Francis, *jr.* Railroads: their origin and problems. New York, 1878. 12°..... 1312.17

Adams, Henry, *editor.* Documents relating to New England federalism, 1800–1815. Boston, 1877. 8°..... 1317.20

Adams, W. H. Davenport. Alpine adventure. Lond., 1878. 16° 324.18

Alcock, *Sir* Rutherford. Art and art industries in Japan. London, 1878. 8°..... 1913.31

Alcott, Louisa May. Under the lilacs. Boston, 1878. 16°..... 134.15

Alden, W. L. Shooting stars as observed from the "sixth column" of the Times. New York, 1878. 16°..... 214.28

Alger, Horatio, *jr.* The young adventurer. Boston, [1878.] 16° 1026.33

American almanac for 1878. Edited by A. R. Spofford. New York, 1878. 12°..... 1531.9

American Unitarian association. Unitarian congregational register. 1853–1858. Boston, 1853–8. 12°..... L. C.

Amicis, Edmondo de. Constantinople. Translated from the 7th Italian edition. New York, 1878. 8°..... 322.25

Andrews, C. C. Minnesota and Dacotah. Washington, 1857. 12° 352.4

Annual record of science and industry for 1877. Edited by S. F. Baird. New York, 1878. 12°..... 462.20

Annual register for 1877. London, 1878. 8°..... R. L.

Arab wife, The: a romance. New York, 1878. 16°..... 956.46

Arnold, Thomas. English literature. A. D. 596–1832. New York, 1879. 16°..... 1376.3

Atkinson, William Parsons. The right use of books. Boston, 1878. 16°..... 1332.15
Atlantic monthly. Index to volumes 1–38. Boston, 1877. 8°... R. L.
Auerbach, Berthold. Landolin. New York, 1878. 16°..... 224.2
Ayres, George B. How to paint photographs. N. Y., 1878. 12° 1915.25

Ballantyne, Robert Michael. In the track of the troops. New York, 1878. 16°..... 1065.27
The lighthouse. London, 1876. 16°..... 1065.26
Ballou, Hosea, 2d. The ancient history of Universalism. Providence, 1842. 12°..... 1756.12
Barrington, *Sir* Jonah. Personal sketches of his own time. New York, 1853. 12°..... 726.11
Bax, Bonham W. The eastern seas: being a narrative of the voyage of H. M. S. "Dwarf" in China, Japan, and Formosa. London, 1875. 8°..... 333.10
Bayne, Peter. The chief actors in the Puritan revolution. London, 1878. 8°..... 569.8
Beers, D. G., *&ᵉ Co., publishers.* Atlas of the state of Rhode Island. Philadelphia, 1870. fol..... R. L.
Beets, Nikolaas. Life and character of J. H. Van der Palm. New York, 1865. 8°..... 763.13
Bellamy, Edward. Six to one. New York, 1878. 16°..... 153.17
Bellamy, Joseph. Essay on the nature and glory of the gospel of Jesus Christ. Boston, 1762. 12°..... 1761.23
Bellevue dramatic club, Newport, R. I. Plays for private acting. Translated from the French and Italian. N. Y., 1878. 16° 1852.6
Benjamin, S. G. W. The Atlantic islands. New York, 1878. 8° 316.25
Berard, A. B. School history of England. [B. C. 55—A. D. 1860.] New York, 1872. 12°..... 561.2
Bernan, Walter. On the art of warming and ventilating. London, 1845. 2 v. 16°..... 1923.21
Besant, Walter, and Rice, James. By Celia's arbor. New York, 1878. 8°..... 949.28
Bible primer, The. Part 1. Pentateuch. N. Y., [1854.] 16°.. 1714.9
Bingley, Thomas. Tales about travellers. N. Y., 1845. 18°... 1021.37
Bishop, Nathaniel H. Voyage of the paper canoe, from Quebec to the Gulf of Mexico. 1874–5. Boston, 1878. 8°..... 364.18
Bismarck-Schoenhausen, Otto E. L. von. Letters to his wife, his sister, and others, 1844–70. New York, 1878. 16°.... 766.12
Black, William. Macleod of Dare. New York, 1879. 12°..... 949.18
Blades, William. Biography and typography of William Caxton. London, 1877. 8°..... R. L.
Bloxham, Matthew Holbeche. Principles of Gothic ecclesiastical architecture. London, 1844. 16°..... 1925.6
Boardman, George Dana. Studies in the creative week. New York, 1878. 12°..... 1722.34

Boston, *Mass.* Record commission. Second report. 1877. Boston, 1877. 8°..... 1186.17

Associations.

Board of trade. 24th annual report. Boston, 1878. 8°..... 1269.9
King's chapel. Liturgy for the use of the church. Boston, 1828. 8°..... 1731.19

Literary institutions.

Public Library. Catalogue. Boston, 1854. 8°..... R. L.

Public schools.

School committee. Annual report. 1863, '66, '68–'69, '72. Boston, 1863–73. 5 v. 8°..... 1359.1
Boston almanac and business directory. 1864, '70, '75. Boston, 1864–75. 3 v. 18°..... 1533.1
Boston book, The: being specimens of metropolitan literature. Boston, 1850. 8°..... 1458.4
Boston directory, 1828, '32, '73, '76. Bost., 1828–76. 4 v. 16° & 8° 1534.1
Boston weekly messenger. Vols. 7–8. Bost., 1818–19. 2 v. 8° 1584.3
Bouldin, Powhatan. Home reminiscences of John Randolph. Richmond, 1878. 8°..... 839.8
Bowring, *Sir* John. Autobiographical recollections. With a brief memoir by L. B. Bowring. London, 1877. 8°..... 726.12
Boyle, Isaac. Historical view of the council of Nice. Boston, 1836. 8°..... 1738.18
Braddon, M. E. *See* Maxwell, M. E.
Brassey, Anne. Around the world in the yacht "Sunbeam." New York, 1878. 8°..... 359.9
Same. London, 1878. 8°..... 359.10
Bright, J. Franck. A history of England. N. Y., 1878. 3 v. 16° 561.14

Vol. 1. Mediæval monarchy: From the departure of the Romans to Richard III. 449–1845.
2. Personal monarchy: Henry VII. to James II. 1485–1688.
3. Constitutional monarchy: William and Mary to William IV. 1689–1837.

Bright, William. Chapters of early English church history. Oxford, 1878. 8°..... 1727.14
Brooke, *Sir* James. Narrative of events in Borneo and Celebes. Together with a narrative of the operations of H. M. S. Iris. By Capt. R. Mundy. London, 1848. 2 v. 8°..... 349.22
Brooklyn, *N. Y.* Mercantile library. Catalogue. Pt. 2. Brooklyn, 1878. 8°..... R. L.
Brooks, Charles. History of the town of Medford, Mass. Boston, 1855. 8°..... 672.30
Brooks, Edward, and Lowell, John Amory. Correspondence. Boston, 1847. 8°..... 1226.27

Brooks, Phillips. Sermons. New York, 1878. 12°..... 1777.16

Bross, William. History of Chicago. Chicago, 1876. 8°..... 679.18

Browning, Elizabeth Barrett. A drama of exile: and other poems. New York, 1845. 2 v. 16°..... 1824.21

Earlier poems. 1826–1833. New York, 1878. 18°..... 1824.15

Budgen. L. M. (*Acheta Domestica.*) Episodes of insect life. 1st, 2d, and 3d series. New York, 1851. 3 v. 8°..... 427.13

Buerger, Gottfried August. Werke. Herausgegeben von E. Grisebach. Berlin, 1877. 2 v. bound in 1. 16°..... 1193.9

Vol. 1. Leben; Briefe und Prosa-Schriften.
2. Gedichte.

Bugard, B. F. French practical translator. Boston, 1851. 12° 1363.3

Bunsen, Christian Carl Josias, *Baron.* Life and letters of Barthold George Niebuhr. New York, 1852. 12°..... 763.11

Burnaby, Fred. On horseback through Asia Minor. London, 1877. 2 v. 8°..... 339.10

Burnett, Frances Hodgson. Lindsay's luck. N. Y., [1878.] 16° 956.26

Miss Crespigny. Philadelphia, [1878.] 16°..... 956.34

Burns, Jabez. Mothers of the wise and good. Bost., 1850. 12° 815.10

Busch, Moritz. Guide for travellers in Egypt. Lond., 1858. 16° 343.12

Busch, Oscar. Manual of German conversation. Leipzig, 1857. 16° 1363.38

Busk, *Miss* R. H. The valleys of Tirol. London, 1874. 8°..... 324.17

Butler, Joseph. The analogy of religion, natural and revealed, to the constitution and course of nature. London, 1852. 8° 1732.11

Bynner, Edwin Lasseter. Tritons. Boston, 1878. 16°..... 138.14

Cambridge, Ada. My guardian. New York, 1879. 12°..... 965.11

Cambridge, *Mass.* Dana Library. Supplement to the catalogue, 1875–1878. Cambridge, 1878. 8°..... R. L.

Cameron, *Mrs.* H. L. Deceivers ever. New York, 1878. 8°.... 966.21

Campbell, J. F. My circular notes. N. Y., [n. d.] 2 v. in 1. 8° 359.8

Campion, J. S. On the frontier. London, 1878. 8°..... 354.23

Carey, Annie. The history of a book. London, [n. d.] sm. 4° 1917.21

Carlyle, Thomas. History of Friedrich the Second. Vols. 5–6. New York, 1871. 2 v. 12°..... 766.5

Carr, Alice. North Italian folk. London, 1878. 8°..... 325.18

Cattermole, R., and Stebbing, H., *editors.* The sacred classics. Vol. 15. Sermons for Lent. London, 1835. 16°..... 1771.13

Chambers, William. Stories of remarkable persons. Edinburgh, 1878. 8°..... 817.9

Story of the Herschels; Mary Somerville; Taylor, the water poet; William and Dorothy Wordsworth; Story of Old Bob; Glencairn; Story of the Astors; Rob Graham; Camilla Desmoulins; Story of the Fairbairns; The Banffshire neutralist; Sir Walter Scott and his dogs; Window Willie; Jack Scott and Bessy Surtees; Horace Greeley; Sarah Martin; Ferdinand de Lesseps; Alexander T. Stewart; James David Forbes; The Jubilee singers; James Annesley; Miss Stirling Graham; Borlum.

Champeaux, Alfred de. Tapestry. New York, [1878.] 8°..... 1918.28
Champney, Lizzie W. Bourbon lilies. Boston, 1878. 16°..... 138.17
Channing, William Ellery. Works. Boston, 1875. 8°..... 1473.6
Cherbuliez, Victor. Jean Têterol's idea. New York, 1878. 12°. 231.18
Cheveley novels. A modern minister. N. Y., 1878. 2 v. in 1. 8° 957.39
Choate, Rufus. Addresses and orations. Boston, 1878. 8°..... 1475.1
Church, Alfred J. Stories from Homer. New York, 1878. 12°. 1322.15
Church, Richard William. The beginning of the middle ages. New York, [1878.] 16°..... 621.15
Clarac, C. O. F. J. B., *Comte de.* Description des antiques du musée national du Louvre. Paris, 1848. 12°..... 1918.5
Clark, E. Warren. Life and adventures in Japan. New York, [1878.] 16°..... 1074.3
Clark, William R. Savonarola: his life and times. Lond., 1878. 8° 768.24
Clarke, Adam. The Holy Bible, with commentary and critical notes. Old Testament. New York, 1831. 4 v. 8°..... 1719.14
The New Testament, with a commentary and critical notes. New York, 1826. 2 v. 8°..... 1719.15
Clarke, Charles and Mary Cowden. Recollections of writers. New York, [1878.] 12°..... 717.14
Clarke, Edward Hammond. Visions; a study of false sight (pseudopia.) Boston, 1878. 16°..... 1255.6
Clarke, James Freeman. Memorial and biographical sketches. Boston, 1878. 12°..... 816.23
Collins, William Lucas, *editor.* Ancient classics. Supplemental series: Lucretius. By W. H. Mallock. Phila., 1878. 16°. 1872.27
Thucydides. By W. L. Collins. Phila., 1878. 16°..... 1872.26
Conder, Claude Reignier. Tent work in Palestine. New York, 1878. 2 v. 8°..... 337.14
Conybeare, Wm. John, and Howson, John Saul. The life and epistles of St. Paul. 3d edition. London, 1857. 2 v. 8° 1736.1
Cook, Clarence. The house beautiful. N. Y., 1878. 4°..... 1924.27
Cook, Joel. A holiday tour in Europe. Phila., 1879. 12°..... 314.17
Cook, Joseph. Boston Monday lectures. Orthodoxy. Boston, 1878. 12°..... 1774.25
Same. Conscience. Boston, 1879. 8°..... 1774.26
Cooper, S. Instructions and regulations for the militia and volunteers of the United States. Philadelphia, 1836. 12°..... 1275.13
Coquerel, Athanase. Protestantism in Paris: a series of discourses. Boston, 1854. 12°..... 1775.19
Cornell, William Mason. Recollections of "ye olden time." Boston, 1878. 12°..... 821.10
Cory, Charles B. Naturalist in the Magdalen islands. Boston, 1878. 4°..... 428.19
Cotton, Elizabeth R. Our coffee-room. New York, 1877. 16°.. 963.25
Coxe, Arthur Cleveland. Athanasion. Also, miscellaneous poems. New York, 1842. 12°..... 1838.15

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ANNUAL REPORT

OF THE

BOARD OF SCHOOL COMMITTEE

OF THE

TOWN OF BROOKLINE,

FOR THE YEAR ENDING FEBRUARY 1, 1879.

ANNUAL REPORT.

The School Committee organized with the choice of W. H. Lincoln as Chairman, and W. Goddard, Jr., as Secretary.

1879.	1880.	1881.
W. H. LINCOLN,	G. BROOKS,	A. MASON.
F. HUNNEWELL,	D. B. VAN SLYCK,	L. K. STORRS,
W. T. R. MARVIN.	M. DRISCOLL.	W. GODDARD, JR.

The terms of service, for which the several committee men are to be elected expire according to the above table. Three members are therefore to be elected for three years.

The following are the members of the various Sub-Committees of the Board:

TEACHERS.
W. GODDARD, JR.,
W. H. LINCOLN,
F. HUNNEWELL.

TEXT BOOKS.
L. K. STORRS,
W. T. R. MARVIN,
A. MASON.

FINANCE.
G. BROOKS,
M. DRISCOLL,
D. B. VAN SLYCK.

HIGH SCHOOL.
W. GODDARD, JR.,
F. HUNNEWELL,
A. MASON.

PRIMARY SCHOOLS.
M. DRISCOLL,
L. K. STORRS,
D. B. VAN SLYCK.

EXAMINATIONS.
W. H. LINCOLN,
W. T. R. MARVIN,
L. K. STORRS.

DRAWING AND WRITING.
G. BROOKS,
M. DRISCOLL,
A. MASON.

MUSIC.
F. HUNNEWELL,
W. T. R. MARVIN,
D. B. VAN SLYCK.

GRAMMAR SCHOOLS.
W. H. LINCOLN,
G. BROOKS,
W. T. R. MARVIN,

STATEMENT CONCERNING THE SCHOOLS DURING THE PAST SCHOOL YEAR.

SCHOOLS.	Whole No. enrolled during year.	Whole No. enrolled Jan. 31, 1879.	Number attending Jan. 31, 1879.	Average number.	Percentage of attendance.	TEACHERS NOW IN SERVICE. Feb. 1, 1879.	SALARIES for 1879.
High	116	83	81	79	97.5	J. Emory Hoar, Principal.	$2,700
						Nathan H. Harriman	1,200
						Abby W. Deane	1,000
						Mary S. Edgerly	650
Ward	506	421	340	334	89.3	D. Bentley, Principal	2,000
						S. W. Loker, (resigned Jan. 11, 1879)	625
						C. N. Bentley	550
						Ella W. Armes	625
						E. A. George	625
						E. Rausch	550
						C. W. Gookin	625
						Jennie Carroll	550
						A. L. Richardson	625
						E. L. Wiswall, eng'e house.	625
						Fannie L. Daggett, engine house	550
Pierce	432	346	307	291.2	93.2	D. H. Daniels, Principal	2,000
						M. D. Paul, Principal's Assistant	625
						L. P. Mitchell	550
						F. Swanton	625
						C. P. Manning	550
						M. P. Frye	625
						M. E. Malone	625
						H. F. Woods	625
						A. B. Carroll	550
Harvard	105	61	56	58.2	91.7	S. D. Newton	625
						E. L. Stevens	625
Lawrence	67	51	47	48.7	91.3	Clara Mott	550
						S. M. Rowe	625
Longwood	38	24	18	19.6	91.1	C. E. Ballou	550
Boylston	103	89	77	81.5	92.8	A. P. Haines	625
						E. T. Lewis	625
Newton Street	18	13	13	9	92.3	L. Stearns	450
Heath	128	121	109	120	93.4	C. L. Rideoute, Principal.	1,300
						M. J. Collingwood	625
						Mary Kelly	550
						M. E. Hyde	625
Music Teacher						O. B. Brown	600
Sewing Teachers						H. A. Nevers,	550
						A. H. Pope	150
Drawing Teacher						Abbie M. White, $5 per day, or about	250
Sec. Committee						W. Goddard, jr	200
Chairman F. Com.						George Brooks	100

Number of school children in town between ages of five and fifteen, as per Assessors' returns, May 1, 1878,	1,292
Whole number of pupils receiving diplomas in High School,	22
Entered College,	5
Institute of Technology,	1

APPROPRIATIONS.

There will be required the coming year to defray school expenses:

For salaries,	$28,450
" Sewing teachers,	700
" Music teacher,	600
" Drawing teacher,	250
" Janitors,	1,200
" Fuel,	1,200
" incidentals, including maps, stationery, printing, repairs, furniture, apparatus, books for poor children, &c.,	3,600
	$36,000
For Evening School,	250

We request that the sum of thirty-six thousand dollars be appropriated for schools the coming year.

CHANGES OF TEACHERS.

The following changes have occurred during the year by voluntary resignation and otherwise.

HIGH SCHOOL.

The number of teachers in this school has been reduced from five to four, and the following appointments have been made to fill vacancies:

Mr. N. H. Harriman, as first assistant, Miss Mary S. Edgerly, as second lady assistant.

The new appointments in the grammar and primary schools have been as follows:

Miss Mitchell, for the second grammar Pierce School, Miss Manning, for the fourth grammar Pierce School, Miss Carroll, for the Pierce Primary School, Miss Mott, for the third grammar Lawrence School, Miss Jennie Carroll, for the Ward Primary School, Mr. C. N. Bentley, for the third grammar Ward School, Miss Daggett, for the primary in Engine-house, Miss Stearns, for the Newton Street School, Miss Kelley, for the fifth grammar Heath School, Miss Ballou, for the Longwood Primary School.

These teachers have been selected from a large number of applicants, and great care has been used. They have come to us with the highest testimonials from sources entitled to high consideration.

SCHOOL ACCOMMODATIONS.

The attention of the town is earnestly called to the necessity of providing for the increase in our school population. By arrangement with the Board of Selectmen, the upper rooms in the engine-house were prepared for the reception of pupils, and there are now about 80 children in attendance. It is regarded only as a temporary measure, as the locality, and the offensive odors from the stable under the rooms, render it totally unfit for the purpose. Some action should at once be taken to provide not only for these pupils, but for

the customary increase in the fall. There are two plans that the Board would suggest to the town. The one involving the least expenditure of money would be the enlargement of the Boylston School, the present building constituting one of the wings, as originally intended. To complete the plan would require the construction of a central portion, and a wing corresponding to the one now in use. The other plan is to erect an entirely new building in a locality that will be more convenient for the pupils. If this should be adopted, the Board would recommend a structure adapted especially to the occupancy of the higher grammar classes now in attendance at the Ward School, thereby separating the grammar and primary classes now occupying the Ward School building. That such a change is desirable must be obvious to all who are acquainted with the classifying of pupils.

Two years ago the town appointed a committee to take the subject into consideration, especially with reference to the location. It is probable that the town would have taken action some time since, if a suitable locality could have been agreed upon. Many citizens oppose the selection of a site near their residences, and the difficulties in this respect appear to be very great.

It is desirable that the object should be attained without injury to any one. The Board would therefore request the town to appoint a committee to investigate the subject, and report a plan to the town at an early day.

RETRENCHMENT.

In accordance with the wish of the town as expressed by their vote upon the appropriation for the support of schools, the Board made a reduction in the salaries of teachers. It must be borne in mind that we had previously made a reduction of ten per cent. in the salaries of the principals of the schools, leaving the salaries of the other teachers without

any abatement. A general reduction was at once ordered. The salaries of the principals of the Pierce and Ward schools were reduced from $2,160 per annum, to $2,000, the salary of the principal of the Heath School reduced from $1,440 to $1,300, and the salaries of the grammar and primary teachers from $700 to $625. Some reduction was also made in the pay of the janitors. One teacher was also removed from the High School, while the formation of new classes in the grammar and primary schools, required the appointment of two additional teachers. We feel that we have now reduced our expenses to a minimum, and further reduction would be injurious to the welfare of the schools.

ATTENDANCE.

The attendance upon our schools has not been interrupted to any serious extent by contagious diseases. At the Ward School it has not attained as high a percentage as we could wish, and the same causes that have existed in previous years have prevailed to reduce this percentage. The services of the truant officer have been in constant requisition, and a few cases have been brought before the trial justice, and the boys sent to the House of the Angel Guardian—as authorized by the town. While this action has produced a salutary effect, the evil has not been wholly checked, and we see no remedy but in persistent effort.

Quite a number of children have been detained at home in consequence of a lack of proper clothing and shoes. This want has been partially met through the charitable efforts of some of the ladies who have interested themselves in the work. It does seem to us that with the comparatively small number requiring assistance there should not be any children deprived of school privileges from this cause, and we wish some plan could be devised whereby it could be entirely removed.

LIBRARY CATALOGUE FOR THE USE OF SCHOOL CHILDREN.

Some time since the Board authorized its chairman to confer with the Trustees of the Public Library upon the subject of preparing a catalogue of books especially adapted to the wants of the pupils attending the schools. We are happy to state such a catalogue has been prepared, and that over one thousand volumes have been selected. Our thanks are especially due to Miss Bean, the Librarian, for the deep interest she has taken in the work, and for the great amount of labor she has bestowed upon it. When it is considered what a powerful influence the nature of the books that are read exerts upon the minds and character of the children, the importance of providing suitable reading can hardly be over-estimated. With a catalogue placed in the hands of each pupil, we believe a taste will be cultivated for reading, such as can be accomplished in no other way, and the library thus be enabled to fulfill its highest mission and become a source of pleasure and profit to those whose wants demand our most watchful care.

EVENING SCHOOL.

The evening school has not been so largely attended as in some years. But those who have attended have been of the earnest, industrious sort, who have derived solid benefit from their studies. The committee believe that it would be for the advantage of the town to appropriate $200 next year for this use.

REPORT OF THE ADVISORY BOARD.

The ladies of the Advisory Board are glad to report their satisfaction in the improvement in the sewing, and the faithful work of the teachers employed.

They wish very much the sewing could be continued another year into the next grade of the grammar schools.

They also wish the parents of the scholars could be induced to visit the schools more frequently.

It would encourage the teachers who labor with such unflagging patience for the children's good, and accustom the children to use their minds in the presence of visitors.

The ladies feel more and more with each year of observation the importance of a superintendent, who should hold in his mind the needs of each school, should feel the dependence of one grade upon another, and by his personal observation and knowledge, bring unity of purpose, and harmony of work into the various grades; and aid and strengthen the teachers, by adapting their work to the need of each room or class without deranging the general plan.

E. Q. GUILD,
Secretary Advisory Board.

REPORT OF THE COMMITTEE ON EXAMINATIONS.

The written examination for promotion was given during the week prior to the public exhibitions, commencing on Wednesday, June 19th, and continuing during the week. Taken as a whole the results show marked improvement over the last examination. The most important changes suggested in our last annnal report have been already effected by vote of the Board. We have but little to add to the recommendations made in previous reports, but some repetition may not be inappropriate, especially when we consider that the Board has undergone so many changes in respect to its membership. We will therefore present for your consideration a few subjects under their appropriate heads.

READING.

That an improvement has been made in this important branch, especially in the higher classes, does not admit of a doubt. The examination of all the grammar classes is personally conducted by your committee. The pupils should be exercised in supplementary reading outside of the regular text-book. This will tend to produce naturalness in reading, as well as a readiness to read correctly at sight. With the introduction of the Nursery Primer and Reader in the primary classes, and the greater variety of interesting reading that will now be afforded the pupils, we expect to accomplish better results in these grades, the effect of which will in time be felt in the higher classes.

GRAMMAR.

While the results in this branch are more satisfactory than they have been, we are convinced that the study is commenced too soon and that too much time is devoted to it. We shall therefore recommend that the text-book be removed from the lower classes and that the study be commenced not earlier than the fourth class.

More time should be given to dictation exercises. We would also suggest a reduction in the regular writing exercises and combine a portion of this with dictation.

GEOGRAPHY.

We would again present the importance of map drawing in connection with this study, and would suggest that in those classes where drawing from memory is required, the pupils be exercised in drawing upon the blackboard. The faults and errors can then be pointed out by the teacher, for the benefit of the entire class. Teachers should be reminded that it is not desirable to commit to

memory the minor points and unimportant facts, especially the names and location of places and rivers that have no prominence.

DRAWING.

The exhibit that was made in the lower Town Hall, was very satisfactory, and we believe the work is in competent hands. The examination papers prepared by the teacher, Miss White, showed that a method had been adopted, and we notice a general advance in all the classes. The previous want of a proper system has been fully met.

The entire subject of examinations is attracting considerable attention. That they have occupied too prominent a place in many systems, that they have been perverted and produced incalculable harm, does not admit of a doubt. But that is no reason why they should be totally condemned and discarded entirely. Mr. Elliot, Superintendent of the Boston schools, devotes a large portion of his report to this subject, and while criticising severely certain practices, admits that "adapted as they should be to what precedes and what is to follow after them, too moderate to injure health of mind or body, true to their own functions, they are among the most serviceable of our agencies." It is the abuse of examinations that has created the mischief and that has called forth such an outcry against them. It is of the utmost importance that great care should be used in the selection of questions. The marking or correction of papers must be upon a proper basis. We claim great benefits have accrued to our schools the past five years by the introduction of these examinations. The number has been considerably reduced since the commencement, and there may be room for further improvement in this direction. We believe that the teachers would strongly urge the continuance of this system. The semi-annual examinations conducted by your sub-committee certainly test the character of the instruction given by each teacher, reveal the true condition of the school and determine the fitness of the pupils to advance.

The complaint is often made that the graduates of the grammar schools at the present day have a greater variety of knowledge, but that in the essential branches of education they are deficient, and do not compare favorably with the attainments of the graduates of the previous generation. It is said that pupils can draw, sing, and perform more complicated problems in arithmetic; but that they cannot read with fluency and ease, write a good business hand, compose a creditable letter, or perform questions that occur in practical business. But if our pupils have not received that training of the faculties, if their powers of mind have not been so developed as will enable them to meet the requirements of daily life, there is something radically wrong in the system, and the thousands that have been expended to accomplish these very results, have been worse than squandered. This is a practical age in which we live. Every thing is brought to the test; what is efficient, progressive, substantial, real, what will accomplish the desired result in the simplest and most rapid manner, and with certainty and accuracy, is accepted, while theories that fail when the principle is applied, and knowledge that is superficial and cannot satisfy the demands that are made upon it, are condemned and discarded. While we should not rest satisfied with what we are now accomplishing, and while we must exert ourselves and expect to obtain far greater results in the future, we must claim that we are far in advance of the standard, and the actual results of years gone by; and should a visitor enter our schools, and question the pupils, especially those of the advanced classes, he would be impressed with the amount of general information possessed by them, and with their readiness to grasp any new thought, as well as to apply themselves successfully to the performance of any work requiring mental exertion. There has always been too much rote teaching, a too rigid adherence to rules, too close confinement to text-books, but *less* now than ever, and the tendency is more and more to break away from

these slavish and harmful restraints, and to encourage independence and originality of thought and expression. The principal reform has commenced in the proper place, and it takes hold of the child upon his first entrance to the school.

The greater part of what the pupils actually commits to memory from the text-books, especially in Geography, Grammar and History, soon passes from the mind after school life has closed. There is still much time squandered, much useless knowledge required of the pupils. The text-books are far from being perfect, and we must rely more upon the wisdom and discretion of the teacher. There is room for great improvement in the direction indicated, and efforts should be constantly and persistently made on the part of school committees, superintendents and teachers, to eliminate from all the studies whatever is unimportant, a burden to the pupil, a trial to the teacher, and a benefit to no one. The chaff must be rejected as worse than useless, not only affording no nutriment, but occupying the space that might otherwise be filled with substantial material. We look forward to the future with hope and confidence. The importance and value of education are more universally recognized. The public interest in this subject is daily increasing. A proper supervision of the schools is necessary to their progress and prosperity. Great and important changes are constantly being made in the means and methods employed. There never was a time when more sound judgment, discretion, and vigilance were required of the school authorities. The education we should seek to give, should consist not only of facts, principles, and rules stored in the mind, but should develop a power to possess knowledge, an ability to discriminate what is good, what is true, what is useful, and a desire to make progress in all that will enrich and ennoble life.

WM. H. LINCOLN,
Chairman Examination Committee.

SCHOOLS.	Arithmetic.	Geography.	Grammar	History.	Read'g and Definitions.	Spelling and Dictation	Writing and Drawing.	Avg. for promotion.	Number rejected.	Number Pupils.
First Classes:										
Pierce	80	87	88	90	87	89	81	83	0	22
Ward	70	89	87	92	82	84	83	83	0	10
Heath	74	76	94	74	92	86	83	85	0	3
Second Classes:										
Pierce	52	78	78	68	75	74	75	72	10	44
Ward	51	73	75	74	75	70	76	72	3	13
Heath	70	75	77	62	71	71	73	71	5	30
Third Classes:										
Pierce	78	81	78	81	86	78	80	77	0	42
Ward	87	83	85	92	84	86	77	81	0	22
Fourth Classes:										
Pierce	76	70	80		83	83	71	77	2	45
Ward	86	84	82		76	75	74	78	0	31
Heath	93	79	89	...	79	78	71	79	0	19
Lawrence	95	83	80		82	88	76	84	0	19
Fifth Classes:										
Pierce	89	84	88		92	78	76	81	1	38
Ward	91	86	90		84	73	75	77	0	11
Heath	81	72	84		81	68	70	72	0	7
Lawrence	72	90	84		78	83	75	77	0	17
Ward, 2d division	72	72	78		83	76	74	75	6	39
Sixth Classes:										
Pierce	89	91	93		87	80	78	82	0	32
Ward	73	91	81		80	67	72		7	51
Heath	79	84	81		83	63	74	76	1	16
Harvard	77	89	82		88	70	74	77	0	24
Boylston	85	95	93		83	85	77	82	0	13
Newton Street	82	85	92		71	85	79	80	0	3
First Primary:										
Pierce	87				85	65	72	76	0	11
Harvard	82				80	61	74	75	0	24
Heath	67				74	37	78	65	6	11
Ward, 1st. div	72				80	65	70	71	3	31
Ward, 2d div	55				79	50	70	66	11	25
Boylston,	85				81	73	74	78	1	28

VENTILATION.

The Board, regarding the subject of ventilation a very important one, requested Dr. Van Slyck to investigate the question. The following report was submitted by Dr. Van Slyck, and was accepted by the committee, and ordered to be printed in the Annual Report.

The subject of the ventilation of houses, is one whose importance every body admits, while as to the best means of accomplishing this object, prevailing ideas are very vague and unsatisfactory. The matter is left wholly with the architects, and if they are to be judged by the almost total absence of any attempt to ventilate private houses, and the inadequate and generally futile methods adopted for this purpose in public buildings, it must be confessed that these experts are, as a rule, but little better informed on this subject, than the general public. There are certainly notable exceptions, but not more than enough to prove the rule.

This being the case, it is not surprising, that most people should have the impression that there is no scientifically exact knowledge on this point, and that about all there is of ventilation, is to let in cold and let out hot air, when a room is overheated. They are dimly conscious, when they visit a school-room or any crowded place of public resort, that the air is bad and unwholesome, but that really there is no help for it, except to open more doors and windows. I have taken the liberty, therefore, of calling the attention of the school committee, and citizens generally, to the condition of our school-houses in regard to ventilation, to give (not anybody's theory) but only a few established and demonstrated facts, and certain general principles, some knowledge of which is necessary to a proper understanding of the subject. The latter, I think, can be so simply stated as to be accepted as self evident propositions.

In respiration, we not only consume 500 to 600 volumes of oxygen in every 10,000 volumes of air breathed, but we add to it from 400 to 500 volumes of carbonic acid gas; we saturate it

with moisture, and besides, load it with impurities exhaled from the lungs, and constantly thrown off from the surface of our bodies.

There are other matters, more poisonous than carbonic acid gas, evolved in respiration, but as their volume increases or diminishes in much the same ratio as it, I use that gas to represent all. When there is from 150 to 200 volumes of carbonic acid gas to 10,000 of air, it causes headache, faintness, nausea, and loss of appetite. Increase it to 500 to 1,000 volumes, and it destroys life. We see then how rapidly we are poisoning ourselves, when we crowd together in ill-ventilated rooms, and it has been found by actual experiment, that each person in a room requires about four cubic feet of pure air per minute, to furnish a sufficiency of oxygen, and to carry off the carbonic acid gas, and the other impurities mentioned.

This is on the supposition that the inmates are cleanly in their persons,— otherwise a much larger amount is needed; and if the supply fall much below this, they will suffer more or less discomfort and the odor of foul air will be quite apparent to one entering from without. This carbonic acid gas is heavier than air, and requires to be heated 250° hotter, to be equally volatile with air, and therefore, after being breathed out it settles quickly to the bottom of the room. Bear this in mind, for it is important in determining the point at which ventilation should be established, and also this other fact, that air arranges itself according to density, the cold at the bottom, and the hot at the top.

In connection with ventilation, we have to consider also the subject of warming the school-rooms, so that the whole problem presented to us, may be stated thus:—How to furnish each pupil with about four cubic feet of pure air, so heated as to maintain a temperature in the room of from 65° to 70°, and to remove an equal amount after it has been breathed, and otherwise vitiated, in the ways stated above. Given a room of such size, that each pupil will have about 300 cubic feet of space, and occupied by 50 pupils;—we have a hot-air furnace in the basement of sufficient power, and a cold air-box to bring an ample supply of

pure air to be heated, and a pipe of corresponding size to convey the hot air, and entering through the floor in the ordinary way: if our room is tight, it is plain we cannot bring in 200 feet of warm air per minute, without taking out an equal amount of cold, and the room cannot be warmed, unless we make some outlet for this purpose.

Now if we make our opening at the top of the room, inasmuch as the hot air rises at once to the top, it will pass out immediately without being utilized; and besides, the carbonic acid gas, the important thing to be rid of, will still remain at the bottom, to be breathed over and over again by the pupils, and we are no better off in this regard, if, after an enormous waste of hot air, we succeed in getting the room comfortable. The same conditions obtain if the opening be made anywhere above the level of the children's heads, and if the ventilation be directly to the outer air, there will be indraughts of cold air, that will be sure to cause colds and other diseases incident to such exposure, while the constant breathing of the undisturbed poisoned air will tend to lay the foundation of other and more serious constitutional diseases. We are compelled then to place our ventilator on a level with the floor, and opening into a flue leading to the top of the house. Even then, the air will not enter it of itself.

Air is a ponderable fluid and must be moved by force if at all. If, by the momentum of the incoming hot air, we force out enough to produce some upward current in the flue, it will be too little for our purpose, and conditions will constantly arise to cause a down flow of cold air, and defeat us utterly. If now, we could only create a vacuum in this flue, how quickly would the air of our room rush in to fill it. We do not need to be at the trouble and expense of a huge air pump to effect this. Everybody knows that by putting fire in the flue, we can attain the same end, and produce as constant and rapid an up-current as we please, according to the amount of heat used.

Let us use enough then to cause a velocity of 200 feet a minute, which we are able to measure accurately with a meter, and we shall have our ventilator a foot square. Is not the prob-

lem solved? We know we are taking out of our room 200 cubic feet of foul air per minute, and of course the same amount of pure air must be coming in. We take it from near the floor, where is the cold air and the poison, while the warm air from above takes its place, and there will continue a constant circulation in this order; the pure air warmed by the furnace fills the top of the room, while the carbonic acid laden air at the bottom is rapidly drawn off. There is no sense of a current, or draught of air anywhere in the room, and the temperature can be regulated by the rate of admission of hot air. Knowing the size of our room, we can tell precisely how long it will take to change the entire volume of air in it. If it take an hour, and we wish to double the capacity of our ventilator, we have only to double its size, and we can double that again, by doubling the heat in the flue, and thus secure a constant renewal every fifteen minutes. This is no mere theory, no guess work. It is as certain as the Binomial Theorem, or the 49th proposition of Euclid. I have seen several military hospitals filled with wounded men, ventilated in this way, so that no odor of foul air was perceptible. And there are hospitals in Europe, where from twenty to fifty cubic feet of air per minute are furnished each minute.

It can not, certainly, be a very difficult thing, then, to ventilate properly the Brookline school-houses, as I shall be able to show in detail hereafter with practical illustrations taken from their actual condition.

My investigations began with the Harvard Street School. The first thing that confronted me, was the entrance of the cold air-box, 1x2 feet, located in the tight vestibule. The velocity of the entering air was only 40 feet per minute, showing that only 80 cubic feet were being heated, to supply nearly 60 pupils, whose minimum need was 240 cubic feet. On opening the door, the velocity went up to 200 feet per minute, equal to a fresh air supply of 400 cubic feet per minute. I had a window removed until the cold air-box can be changed.

Both rooms are ventilated into the chimney by separate flues, with a register 9x14 inches. The velocity through these was

found to be 65 feet per minute, discharging only 38 cubic feet per minute, and affording barely sufficient ventilation for 10 pupils. There was no appreciable difference in the two rooms.

Before going any further, I determined, by a simple experiment, to demonstrate the advantage of heated flues in ventilation.

For this purpose, I had an unused No. 12 new Globe stove removed from the basement of the Lawrence school-house, to that of the Harvard Street, and a casing of galvanized iron set over it, for a small impromptu hot-air furnace.

Its smoke pipe was inserted into the smoke flue of the chimney, and the hot air conducted into the ventilating flue of the lower room. With a moderate fire in this stove, the velocity of the air in the flue was increased to 257 feet per minute, discharging 150 cubic feet per minute, or sufficient ventilation for 37 pupils. The flue is 12x16 inches, so that by enlarging the register, its ventilating capacity could be more than doubled. Afterwards, another hot-air pipe was added, connecting with the ventilating flue of the upper room, with the effect of increasing the velocity of the foul air discharge, from 65 to 162 feet per minute.

Nothing could be more satisfactory or conclusive than this experiment. The rooms are 30½x32x12 feet, yet large as they are for the number of pupils, by doubling the size of the ventilating registers, the whole volume of air in them would be renewed every 40 minutes, without allowing for any ventilation through the crevices of windows and doors, the opening and shutting of doors, and the porous walls of the house.

In the Lawrence school-house, the smoke pipe goes to the top of the chimney, and the flue around it is used for foul air. At this visit, the pipe was hot to the chimney, as the draught of the furnace was unchecked, and the fire very hot. At other times, I have found the pipe cold a few feet from the furnace. By putting a check-damper in the pipe, and discontinuing the use of the cold air damper, the pipe continues quite hot all the time, and the current in the flue will probably be pretty uniform as given.

In the lower room the velocity of the air through the 12x19

inch ventilator, was 153 feet per minute, discharging 161 cubic feet, enough for 40 pupils.

In the upper room, the velocity was 109 feet per minute, discharging 115 cubic feet per minute, enough for 28 pupils. For the full capacity of these rooms, 50 pupils each, additional heat would be needed in the flue.

These two rooms are at present, perfect specimens of efficient ventilation. The purity of the air, and its freedom from any odor, is in striking contrast with any others visited.

HEATH SCHOOL.

The front room, on the first floor, has no foul air ventilation. There is one register at the top of the room into a board flue, but the current is as often down as up. There are two ventilators through the sides of room near the top, to the outer air, but they only serve to let in cold air, and waste the hot air. This and the room over it, are in the same condition.

By constant vigilance on the part of the teachers, a good supply of fresh air is brought in through windows, doors, and ventilators, indeed, currents of cold air can be felt in every part of these rooms, and the bad air pretty well diluted, but it is by a great waste of heat, while of ventilation in its true sense, there is none at all.

The back room on the first floor ventilates into the chimney. The smoke pipe of the portable furnace, which warms this side of the house, was, by a curious accident, entered into the ventilating flue of this room, consequently it is hot, and the velocity of the air in it is 400 feet per minute, discharging 255 cubic feet per minute—ventilation for 63 pupils; average in attendance, 28. It is a notable fact, that this room is more quickly warmed, than any other in the building.

Near the top of the room there are two side ventilators to the outside air, and one into a board flue also at top of the room, but perfectly useless.

The upper back room, ventilates into the chimney by a flue not directly heated, though the smoke pipes from the two furnaces heat the whole chimney, so as to produce a constant upward current.

In this flue the velocity was 219 feet per minute, removing 128 cubic feet of air—ventilation for 32 pupils. The register is only 9x14 inches, and should be replaced by one twice as large. Other ventilators same as in the room below. The floor in this room is settled in the centre, is shaky in walking across it, and seems to me unsafe.

There should be built a chimney in the middle of this house, or if this is not practicable, the smoke pipe could be carried directly up from the large furnace, and cased with galvanized iron, so as to form a foul air flue, into which the two front rooms could be ventilated. It should be so made, that a hot air stove could be placed in the bottom of it if necessary.

The chimney would be cheaper in the long run, and better in every way, and require very little if any change in walls, &c.

The High School is very effectually ventilated. The ventilating flues are large, and the distance from first floor to the cupola, the mode of discharge, and the large amount of ascending heat in the whole building, conspire together to secure a sufficiently rapid discharge of foul air. Every flue in every room was tested, and they were doing their work well.

The ventilating flues are all of boards, and the danger of fire, from the junction and arrangement of the smoke pipes in the basement, seems to me considerable, and in case of such an accident, these flues would spread the fire almost instantly over the building. In Boston, or any large town, such a mode of construction would not be allowed. For other reasons, to be stated further on, I think a good chimney ought to be built, or possibly two.

PIERCE GRAMMAR SCHOOL.

The existing flues for ventilation in this building, seem to give a variable current, sometimes bringing cold air down into the rooms. The openings from the rooms into the flues are too small, and no attempt is made to use them, under the impression that they are useless.

The two registers in the upper rooms, on being opened, gave a velocity of 60 feet per minute, which, if constant, would be quite insufficient.

The proper thing to do for this building, is to build two chim-

neys into which to ventilate, and carry the smoke pipes through them, and provide a small hot-air stove at the bottom of each.

PIERCE PRIMARY.

The ventilation of this building is as bad as can possibly be. The air is always bad; the odor of exhalations both from bodies and lungs is stifling, notwithstanding every effort of the teachers to prevent it, by opening doors and windows and the ventilators through the side walls. The teachers and many of the pupils suffer from headaches, and it is no wonder that many pupils are constantly absent on account of colds and other ailments, incident to this state of things. That over 150 children, of tender years, should be obliged to spend five hours a day in such a poisoned atmosphere can only be characterized as disgraceful, and a cruel barbarity. The only remedy is to build a brick ventilating flue alongside the present chimney, heated by a hot-air stove at the bottom.

BOYLSTON SCHOOL.

This building is in the same condition as the Pierce Primary, but good ventilation can be secured by simply placing a hot-air stove in the basement, and heating two flues already in the chimney, ventilating from the dressing-room, and removing the doors leading into them from the school-rooms.

WARD SCHOOL.

There is no ventilation in this building worthy the name.

The only ventilator near the floor is in the east room, lower floor. This opens into the chimney, but the velocity of air passing through it is too slight to be of practical use. In the front and back rooms there is absolutely no attempt at ventilation, except through the sides of the house, and high up. In the west room

there is a ventilator of boards in the top and one corner of the room useless, except to carry off warm and admit cold air. All the upper rooms have ventilators in the middle and top of the room. The practical result of these is to establish a current of air direct from the hot-air registers, and carry it off without being utilized through one side of the ventilator, while cold air comes down the other side on to the children's heads. The vitiated air at the bottom of the room can only be carried off by keeping a door open, and by this means it is more diluted than carried off. Through the door the inflow is at the bottom, and the outflow at the top, as any one can ascertain by experiment.

If door or windows are open, there will be an up-current in both sides of this sort of ventilator.

To sum up the condition of this building, I need only say that is *worse* than the Pierce Primary. It is so, for this reason; the pupils, who attend here, are the children of the poor, who have neither the habits of nor facilities for being cleanly in their persons, and at least twice the foul air ventilation should be afforded them, as is required for any other schools in town, in order to carry off the more offensive emanations from the surface of their bodies. About 300 children are confined in this house five hours a day, and five days in a week!

All the rooms in this building could be well ventilated into existing chimneys, except the two on the back of the house. For these a chimney should be built, and I think the flues of the four could be sufficiently heated by one small portable furnace.

LONGWOOD SCHOOL.

There is only one room in this building occupied, and the smoke pipe heats the flue sufficiently for good ventilation for the number of pupils in attendance. Register 9x12, velocity 220, discharging 120 cubic feet of air per minute, enough for 30 pupils; average attendance 28.

Of the school-rooms in the Engine-house I need say nothing. It is not possible that children will, for another year, be confined in rooms so loathsome and disgusting. There is no proper ventilation, and the odor from the stables is simply intolerable.

It seems to me no word of comment need be added to this description of the ventilation of our school-houses. I have set down everything as I found it, and if any one doubts the efficiency of the remedy I propose, let them go and see for themselves.

The test of hot air introduced into ventilating flues can be shown in a few minutes at the Harvard Street School, while at the Lawrence can be found the sort of ventilation advocated in successful operation. And to be convinced that it is all that is claimed for it, one need only go there and breathe for a few minutes its pure and odorless air, and then visit the Pierce Primary, the Ward, or any other of the schools I have characterized as unventilated. Give us heated flues for ventilation, and all our school-houses can be made as healthful as the Lawrence. I think it is important, that the heat for this purpose should be independent of the furnaces, because, during the milder weather of the spring and fall, when but little heat is needed from the furnaces, the smoke pipes will hardly heat the flue sufficiently. Then there are many days after the fires are out, that are too cold to have the windows open enough for ventilation, and then a little heat from a hot-air stove will make it as good as in winter, when all the fires are going, and besides, we shall have it in our power to make it constant and uniform.

Of course there are points of detail to be considered. The size of the cold air-box, the size of hot-air registers, the size of ventilating flues and of the openings into them as well as the heating capacity of the furnace, are factors in the problem, but all determinable by mathematics and common sense, and not by guess work.

Exact knowledge, on this whole subject, is attainable by any one who has the capacity, and disposition to look it up and study it. The day is near at hand when ventilation will hold as prominent a place in Sanitary Science, as proper sewage and a pure water supply do now, and it will be more to our credit to be at the front in this reform, than to come into it at last after poisoning our children for a few years longer, and I am sure the committee, and the citizens of the town, need only to know what the actual condition of our school-houses is in this regard, to induce them to apply the remedy without delay.

There are many other points in connection with the subject of

ventilation, deserving of consideration, but the limits of such a communication as this, forbid a more thorough discussion of the subject.

ESTIMATE OF IMPROVEMENTS RECOMMENDED.

6 ventilating chimneys, at $65 each,	$390 00
Carpenter work,	125 00
1 Chilson No. 4 heater for Ward School,	54 40
Hot-air pipes, etc., for same,	10 60
7 stoves, at $15 each,	105 00
Casing, hot-air pipes, etc., at $15 each,	105 00
4 copper smoke-pipes,	160 00
Registers,	50 00
Total cost,	$1,000 00

All of which is respectfully submitted,

D. B. VAN SLYCK.

CONCLUSION.

We feel that we can truly congratulate the town upon the excellent condition of the schools. There has been but little change in the course or methods employed in the grammar schools, but in the primary department we have a considerable number of newly-appointed teachers, all of whom are doing excellent work, and new and improved methods of instruction have been tried with success. There will be quite a change in some respects in this department. Under the new system children are taught to read and write in much less time than formerly, and with more ease.

An increased interest has been developed in the monthly teachers' meetings. The teachers of all the schools, including the High,

take an active part, and at the last meeting there were but three absentees. The proceedings are conducted according to a plan prepared by a committee appointed by the teachers, and questions relating to the daily work of the teacher are discussed with earnestness and ability. Members of the Committee and Advisory Board are also present, and the meetings are exceedingly interesting, as well as profitable. The teachers of the different schools are thus made acquainted with each other; a common bond of sympathy unites them, and the different systems are thus brought within the circle of the same influences. Teachers of one branch no longer feel that they are separate and distinct from those of another branch, but that all are working, perhaps in different ways, but still towards the same result. In the desire to produce good scholarship it is quite possible that the education of the heart has been to some extent neglected. Did teachers truly realize what unseen influences they exerted upon the characters of those committed to their charge, the feeling of responsibility would be deeper and more abiding. While manuals prescribe instruction in morals, and school committees never fail to allude to it on certain occasions, it is too frequently neglected in the daily work. In the multiplicity of other cares and duties it is lost sight of, and only some special cause will bring it forth from its retirement. We believe that the future is to witness a great change in this respect. The necessity for it is becoming more universally recognized, and the aim of the school authorities and teachers will be not only to produce good scholars, but to develop character, and to cultivate those qualities of the mind and heart that will lead to a true manhood. With such high and noble aims in view on the part of conscientious and faithful teachers, will society be renovated and elevated to a higher plane, and the influences extending to all pursuits and callings in life will impart blessings to all classes and ranks, and furnish additional security to the State.

In behalf of the Committee,

W. H. LINCOLN, *Chairman*,
WARREN GODDARD, Jr., *Secretary*.

ASSESSORS' ANNUAL REPORT.

The Assessors respectfully report that they have attended to their duties in the usual course through the year.

The difficulty in ascertaining a correct basis of valuation of the real estate has increased with the stagnation and uncertainty which have continued to affect all business enterprise.

The valuation of the personal estate in the town on the first day of May last, shows a falling off of $876,400 from that of 1877. The reduction of valuation of the real estate from that of 1877 was $1,481,300. Unless a marked change takes place in the aspect of business before the first of May next, there must be a considerable further reduction of the real estate valuation for the coming year.

Appended are the usual condensed statement of the taxation of the town for the past year, and the table of expenditures, debt, valuation and rate of taxation, extended to the present time.

THOS. B. HALL,
WM. LINCOLN,
J. ANSON GUILD,
Assessors of Brookline.

Brookline, Feb. 1, 1879.

CONDENSED STATEMENT

OF THE TAXATION OF THE TOWN OF BROOKLINE FOR THE YEAR 1878.

Amount voted by the Town for general purposes, .		$317,403 00
State tax, ...		15,810 00
County tax, ...		23,433 49
		$356,646 49
Less amount in Treasury, .	$50,345 62	
Less estimated receipts, .	30,000 00	
		80,345 62
		$276,300 87
Overlay, ...		759 36
Amount to be raised, ...		$277,060 23
Valuation of personal estate,	$ 8,566,600 00	
Valuation of real estate,	14,019,700 00	
		$22,586,300 00
Amount assessed on same at the rate of twelve dollars and ten cents on every thousand,		$273,294 23
Amount assessed on eighteen hundred and eighty-three polls, at two dollars each, . .		3,766 00
		$277,060 23
Additional Polls, 8, . . .	tax on same,	$16 00
Additional real estate,	$1,800 00 "	21 78
" personal estate,	16,000 00 "	193 60
		$231 38
Amount paid to the Town from State taxation of Corporation Stocks owned by residents of Brookline for 1878, . . .	$21,946 91	
Amount paid on National Banks,	10,666 05	
		$32,612 96
Abatements in 1878 on real and personal estate, . . .	$1,841 62	
Abatements in 1878 on one hundred and eighty-eight polls, . .	376 00	
		$2,217 62

TABLE OF EXPENDITURES, DEBT, VALUATION AND RATE OF TAXATION OF THE TOWN OF BROOKLINE, FROM FEB. 1, 1847, TO FEB. 1, 1879, INCLUSIVE.

DATE.	Expenditures for the year ending Feb. 1st.	Debt February 1st.	Total Valuation, May 1st.	Rate of Tax on $1,000.
1847	$9,335 14	$2,156 43	$3,909,200	$2 30
1848	10,189 22	6,333 68	4,708,800	1 85
1849	10,570 06	6,163 76	5,385,600	2 00
1850	10,977 41	5,163 76	5,382,000	2 10
1851	12,956 13	3,163 76	5,954,600	2 30
1852	28.653 14	13,163 76	6,419,320	2 50
1853	21,626 55	12,500 00	7,185,600	2 50
1854	22,417 54	15.160 40	8,414,170	3 80
1855	59,284 29	43,500 00	8,776,500	4 50
1856	47,432 06	41,500 00	9,302,000	3 90
1857	52,869 03	50,500 00	9,569,300	5 30
1858	71,361 71	61,700 00	9,217,300	5 00
1859	48,827 25	57,700 00	10 320,900	5 80
1860	66,709 96	60,200 00	10,799,800	5 50
1861	61,665 54	53,200 00	10,910,100	6 50
1862	62,807 54	48,200 00	10,702 600	6 20
1863	122,362 22	88,200 00	11,005,200	10 00
1864	182,143 03	101,905 96	9,667,800	10 00
1865	163,548 75	124,655 96	10,185,800	10 00
1866	164,645 57	104,405 96	10,175,800	10 00
1867	129,007 02	77,655 96	13,801,200	8 00
1868	151,894 97	79,205 96	14,870,700	6 20
1869	175,856 11	98,505 96	16,313,700	9 00
1870	242,084 91	155,405 96	18,948,300	7 50
1871	317,087 83	245,800 00	20,879,700	9 70
1872	473,843 18	473,800 00	29,413,914	8 70
1873	453,660 31	581,800 00	28,476,000	11 50
1874	591,360 49	816,704 16	27,940,200	11 50
1875	594,058 17 water works additional, 391,547 48	946,958 00 water debt additional, 400,000 00	27,809,100	11 60
1876	486,415 34 water works additional, 82,777 52	920,350 00 water debt additional, 475,000 00	27,497,000	12 20
1877	372,879 69 water works additional, 16,576 22	868,350 00 water debt additional, 500,000 00	24,968,690	12 50
1878	502,451 52	843,350 00 water debt additional. 500,000 00 sewer debt additional, 125,000 00		12 50
1879	436,463,37	1,444,350 00	22,586,300	12 10

The financial year ends February 1st; the Assessors' valuation is made May 1st.

2202

SELECTMEN'S REPORT

ON THE

ARTICLES IN THE WARRANT

FOR THE

ANNUAL MEETING,

MARCH 26, 1878.



BOSTON:
FREDERICK A. SEARLE, PRINTER,
262 WASHINGTON STREET.
1878.

REPORT.

ARTICLE V.

The license law went into operation May 1, 1875 (Stat. 1875, ch. 99); under it we may grant licenses, —

1st. To sell liquors of any kind, to be drunk on the premises.

2d. To sell malt liquors, cider, and light wines containing not more than fifteen per centum of alcohol, to be drunk on the premises.

3. To sell malt liquors and cider, to be drunk on the premises.

4th. To sell liquors of any kind, not to be drunk on the premises.

5th. To sell malt liquors, cider, and light wines containing not more than fifteen percentum of alcohol, not to be drunk on the premises.

No licenses have been granted by us or our predecessors. The following table shows the action of our police for the three years ending respectively Feb. 1, 1876, 1877, and 1878: —

	1876.	1877.	1878.
Arrests for violations of the liquor law .	6	18	16
Drunkenness	197	119	127

— and about two-thirds of those arrested for drunkenness do not live in town.

There is no good reason for thinking that the evil of drunkenness has increased in town within the last two years, and we do not believe such to be the fact.

Any person convicted of a violation of the terms of his license "or of this act" (*Ib.* Sec. 13) subjects himself to fine or impris-

onment, or both, and the Selectmen are required "to prosecute to final judgment all violations of this section."

The law of 1876 (Stat. 1876, ch. 162) being later in point of time, supersedes the law of 1875 so far as its provisions cover the same ground of action or duty. By this later law (Sect. 14), the Selectmen and Police are authorized to arrest without a warrant any person found "in the act of illegally selling liquor," and the Selectmen and Police are ordered to "enforce or cause to be enforced the penalties provided by law against every person guilty of any violation of any law in relation to the sale of intoxicating liquors of which they can obtain reasonable proof," and if our Police "after being furnished with a written notice of any violation of the law . . . and the names of the witnesses, for two weeks neglect to institute proceedings thereon, any person who thereafter makes complaint shall be [becomes] entitled to all fines imposed and collected for said violation."

We have directed the Police, and they have always been ready and are now ready to prosecute any person against whom complaint is made, where they are furnished with reasonable proof of the fact by the party complaining, or can supply such proof of their own knowledge. They have carried through 34 of these prosecutions during the last two years.

They have not, however, undertaken to prosecute public sellers unless complained of, and we have not ordered them to do so, for two reasons: (1) because such has not been the practice heretofore; (2) It is better to have the sale of liquor open than secret. If sales can be made only in secret, only the worst class of liquors, and those most easily concealed, will be kept and the sales of beer, cider, and light wines will stop.

To prevent the public sale of liquor will prevent entirely the sale of the classes of liquors which do the least injury, and will leave comparatively unaffected the sales of those liquors which do the most injury.

When this subject was first brought before us we called the attention of the petitioners to the fact that any one who now

sells liquor is liable to be complained of by any persons interested in the cause of temperance, and that our Police would act on every such complaint backed up by reasonable proof. We also offered the petitioners to appoint as policeman any suitable person whom they might name, and charge him with the special duty of looking after cases under this law. But at neither of the hearings before us has any one of the petitioners been willing to do anything about, or to take any part whatever in, making such a complaint, or naming any person as special police officer.

It seems to us that the power now held by any and every citizen, man or woman, who is interested in the cause of temperance, to furnish our Police with notice of the violation of the law, and the names of witnesses, or other reasonable proof, and the readiness of the Police in case of every such complaint to act on such proof, and to furnish the proof themselves where it is in their knowledge, ought to protect the town from having the places where liquor is sold become nuisances, quite as perfectly, and perhaps more so than to license these same places, and by so doing protect them from all outside interference so long as the terms of their licenses are complied with.

If, however, the town shall think differently, and that it is expedient for the Selectmen to grant licenses and prosecute all unlicensed sellers, we desire the town to pass a vote to that effect.

We hoped to be able to lay before you a statement of the facts bearing on this subject, and a vote for you to consider, specially prepared for the purpose, by the petitioners or persons who are dissatisfied with our action in this matter. We especially desired that the petitioners should state their own views of the matter, and in their own way; but they decline to make any such statements, or prepare any such vote, for the reasons shown in the following correspondence: —

Brookline, Feb. 18, 1878.

Dear Sir: — In order that the town may have your views on the Temperance question, presented in a way that will be

satisfactory to yourself, I would like to have you draw the vote you desire to have submitted to the town, and you may accompany it with such remarks as you desire, showing your reasons for thinking a change in the practice of the town to be desirable or necessary for the welfare of the town. The vote and remarks I will print in our report on the articles for the town meeting.

Kindly let me have both as soon as convenient, as we have already begun to prepare for the annual meeting.

Respectfully yours,

WM. I. BOWDITCH.

Col. Hapgood.

To this letter we received the following reply: —

Boston, Feb. 20, 1878.

Hon. Wm. I. Bowditch, *Brookline:* —

Dear Sir, — I am in receipt of yours of 18th inst., and beg to reply that I do not desire any action by the town on the Temperance question, as I do not think it necessary. The law makes it optional with the Selectmen to license or not, as they think best. They have thought best not to license; and it only remains for them to enforce that part of the law relating to illegal sales, in accordance with the prayer of the petitioners.

I have the honor to be, sir,

Very respectfully, your obedient servant,

C. E. HAPGOOD.

We advise the town to adjourn this meeting to some evening for the special discussion of the subject of this article, and to invite all women in town, who may be interested in the subject, to attend at such meeting, and take part in the discussion if they wish so to do.

ARTICLE VI.

We have received from Mr. Shedd the following communication: —

To the Selectmen of the Town of Brookline: —

Gentlemen, — I give below, in the form of a tabular statement, an estimate of the cost of various sewers designed for the relief of streets in Longwood and in the Village.

The sewer in Washington street and Brookline avenue will finally serve as the main sewer outlet for a large valley, in the the bottom of which lie Pond avenue and Chesnut street. It must, therefore, be of the large size represented. The length of about 250 feet, located in Brookline avenue, is made necessary from the position of the 40-inch main water-pipe of the Boston Water Works, which cuts off access from the east side to the new main sewer, between a point about 62 feet west of Walter avenue and the old brook crossing on Brookline avenue. It would be possible to save about 100 feet in length by running up Washington street and crossing above the point named; but the extra expense that would be incurred there, on account of the numerous water-pipes and the character of the quicksand through which it would be necessary to pass, make a saving of cost doubtful. This is especially the case if we take into account the need of a sewer along Brookline avenue, south-east of the water-pipe, to receive the private connections from abutting estates.

The lower position is much better for a connection of the lateral sewer, and I therefore decide to recommend it to you.

It would be practicable to pass under the water-pipe by a siphon, but I think it is not, under the circumstances, advisable.

The lengths given in the following table may be slightly changed in construction.

Name and Location.	Size.	Length.	No. of Manholes.	No. of Catch Basins.	Estimated Cost.
Mountfort street, from summit at Prescott to St. Mary's	12"	847	8	5	$2,017
Mountfort and Essex street, from summit at Prescott to Joy street	12"	768	9	4	1,886
Prescott street, from Mountfort to Joy street	12"	560	6	2	1,265
*Joy street, from Essex street, to St. Mary's street	18"	1,222	12	4	3,628
Carlton street, from Joy street to Beacon street	12"	660	6	2	1,420
*Kent and Colchester streets, from Dudley street to Carlton street	12"	728	17	8	4,463
	15"	992			
*Monmouth and St. Mary's street, from Carlton street to Beacon street	12"	230	11	5	2,743
	15"	432			
	18'	332			
*Monmouth court, from the Railroad to Monmouth street	12"	773	8	2	1,561
Hawes and Monmouth streets, from Dudley street to Carlton street	15"	660	9	1	2,020
	18"	130			
Dudley street, from Kent street to Hawes street	12"	932	9	4	2,153
Chatham street, from summit to Hawes street	12"	634	6	3	1,489
Pearl street, from Old Brook channel to Washington street	12"	220	3	1	631
*Emerald street, from Pearl street to Brookline ave.	12"	200	3	2	581
*Pearl street, from summit to Emerald street	12"	130	2	. . .	242
Pearl street, from summit to Brookline avenue	12"	460	6	. . .	810
Pearl street, from N. W. angle to Emerald street	12"	600	5	2	1,147
*Fay place, from summit to Washington street	12"	220	3	1	543
*Brookline avenue and Washington street, from town line to old culvert, Brookline avenue	30×45"	525	4	3	3,273
					$31,872

Respectfully,

J. HERBERT SHEDD.

We have checked those laterals which seem to us to be of pressing necessity, and for the construction of these we shall need an appropriation of $17,034.

ARTICLE VII.

We received the following communication from Mr. Shedd: —

To the Selectmen of the Town of Brookline: —

GENTLEMEN, — I have considered the question of sewerage for the Aspinwall-brook district.

Certain portions of the area which naturally drain into this district may be advantageously turned down Beacon street so as to enter the main sewer nearer the outlet. Other portions, naturally beyond the district, may be gathered through Walnut street, Boylston street, Tappan street, Cypress street, and others, and turned into it with advantage. The whole area thus artificially formed into a drainage district, including an estimated area of 50 acres in Brighton belonging to it, is about 525 acres.

The natural outlet for the rainfall from a larger part of this territory is through Aspinwall brook, which runs through private property except for a comparatively short distance near Harvard street and Aspinwall avenue, where it has been walled, and covered by the town.

It is practicable to construct a sewer in Aspinwall avenue from the present brook to the main sewer, to take the sewage of the district, and the rainfall of ordinary storms, leaving the overflow from excessive storms to pass down the present channel, or even to divert the brook altogether through the avenue; but there are serious objections to either course, and I think it best to lay out a street near the general course of the brook, from Aspinwall avenue to the Brookline Branch Railroad, in which to construct a sewer suited to take the brook water as well as the sewage.

I have therefore, in accordance with your instructions, caused a survey to be made for such a street, and a plan and profile prepared to be used in filing a location.

The rate of fall which seems best suited to a sewer in this

street is 1 foot per thousand, and at that rate the size necessary to carry the brook water in excessive storms, as it will be more quickly gathered in the future, is 7 feet in diameter.

It is not necessary to provide, at present, for sewage from the entire district. That which should be provided for can be discharged through a sewer 4 feet in diameter at points, or in line, where the excessive storm-water need not be included.

I estimate the cost of a sewer 7 feet in diameter, from the middle of Aspinwall avenue to the main sewer through the proposed street, at $28,440. This is on the supposition that the construction of the street will be conducted in a way to favor the cheapness of the sewer construction, as can be done without increasing the cost of the street.

The sewer above described will take the flow from the sewers now built, which empty into Aspinwall brook.

When it becomes necessary to take the sewage from Walnut, Boylston, and Cypress streets, a new sewer must be built through School street and Aspinwall avenue to connect with this sewer.

Respectfully submitted,

J. HERBERT SHEDD.

Providence, February 22, 1878.

The street along Aspinwall brook and the streets connecting the same with Aspinwall avenue are shown on Aspinwall and Lincoln's plan, made at the request of Mr. Shedd, and the plan will be exhibited at the meeting.

The building of these streets and the 7-feet drain along Aspinwall brook will not obviate the necessity for laying a drain, at least 12 inches in diameter, in Aspinwall avenue, to carry off the sewage from the houses on that street.

The estimated cost of the construction thus advised by Mr. Shedd is as follows: —

Cost of constructing the sewer	$28,440 00
He estimates the cost of building a road along Aspinwall brook at (letter March 1, 1878),	12,300 00

This seems to be exclusive of the short connecting street parallel to the railroad, which is estimated to cost	$2,000 00
We do not carry out the extension of Perry street, costing about $900.	
The damages for 75,955 square feet of land taken cannot prudently be put at less, and will probably be more, than	5,000 00
About 1,700 feet of 12-inch sewer in Aspinwall avenue cannot cost less than	3,400 00
Making probable total cost . . .	$51,140 00

Although it is evident that the line along Aspinwall brook is the best location for a sewer, as being the lowest point, yet the expense of constructing the sewer and streets as proposed by Mr. Shedd seemed to us be so large, that we asked him to see if some less expensive plan could not be devised, that would answer our necessities for many years, and he sends us the following communication: —

To the Selectmen of the Town of Brookline: —

GENTLEMEN, — In accordance with your request I give below the substance of what was verbally stated to your Board in regard to a plan for disposing of the sewage at present entering Aspinwall brook, by taking it through Aspinwall avenue, and leaving the brook water to flow in the present channel.

For this purpose a sewer, 4 feet in diameter, should be constructed from the junction of School and Harvard streets, through Aspinwall avenue, to the main sewer near the railroad. The sewers in Harvard street and School street, which now discharge into Aspinwall brook, should be cut off from that, and connected with the new sewer at its upper end. The present brook-channel in Aspinwall avenue should be undisturbed; the new sewer being laid alongside of it at a lower grade.

From School and Harvard streets lateral sewers can be extended through the streets of the district as they may be needed. When this is done care should be taken to exclude from the laterals all the storm-water, which can be kept in the original channels. If this is properly attended to I estimate that all the sewage of the district can be taken care of in this proposed sewer, for, perhaps, the next fifteen years. After that time, or when it becomes necessary to receive into the sewer a larger proportion of storm-water than it is designed to carry, overflows into the brook channel will be needed.

It will be practicable to divert into the new sewer much of the sewage matter that now passes into the brook, and to prevent contamination from new sources to a large extent. By these means the brook would become less objectionable to riparian proprietors than it is at present, and retain a purer condition for many years.

One objection to the proposed method of treating the excessive storm-water lies in the fact that, after a time, as the system of lateral sewers approaches completion, the street surfaces may, at intervals, be gullied by the water retained upon them. I do not anticipate a serious money loss from this; and when it becomes intolerable the overflows to the brook can be provided.

The approximate length of this proposed sewer, from the present sewers in Harvard street to the main sewer, is 2,250 feet. I estimate the cost for this length, including connecting the present sewers and building 11 manholes and 8 catch-basins, with their chutes, at $26,621.

Respectfully,

J. HERBERT SHEDD.

PROVIDENCE, February 27, 1878.

We can, therefore, take all the sewage properly so called through this 4-feet drain in Aspinwall avenue, and relieve Aspinwall brook from nearly all the contaminating matter which

now flows into it, and, by so doing, save $24,000; and this plan will probably answer all our purposes for fifteen years.

At the expiration of that time, or when it becomes necessary to receive into the sewer a larger proportion of storm-water than it is designed to carry, overflows into the brook channel can be constructed, and we shall then, we hope, be in a better financial condition, and more able to bear the expense, than we are now; at all events, we shall have saved $24,000, and interest for perhaps fifteen years.

We therefore advise the town to appropriate $26,621 to construct a sewer in Aspinwall avenue, and to connect the same with the existing sewers in School and Harvard streets, as set forth in Mr. Shedd's scheme.

ARTICLE VIII.

We respectfully refer to the report of the committee on the subject of this article for all the information which it is in our power at present to give in reference to the mode of laying assessments for entering the town sewers.

ARTICLE IX.

The Park Commissioners of Boston, in their sixth report, Dec. 29, 1877 (City Doc. 104), use the following language: —

"It was also necessary to consider what disposition should be made of the waters of Stony brook and Muddy river, which now are discharged into the Back Bay. These streams should be diverted from their present courses and conducted into Charles river, but all sewage which they now receive should be otherwise provided for.

"By act of the Legislature, chapter 267 of the year 1872, the Town of Brookline and the City of Boston were empowered to divert the waters of Muddy river so as to make them flow in a more direct line to Charles river, through the lands of any person or corporation, as they shall adjudge to be necessary for the public

convenience or the public health. It is for the interests of the town and city that united action should be taken at once, as authorized by the act.

"Feasible routes to Charles river are indicated on the map, but the execution of the work belongs to another department of the government, more competent to decide upon the details than this. It is recommended that the subject receive early attention, both for sanitary reasons and to facilitate the improvement of the park and the adjacent territory."

The route thus indicated taps Muddy river where it last crosses Brookline avenue, and would therefore be of very little or no use to the town, and would leave wholly untouched and unrelieved the very great nuisance now existing from Washington street eastward throughout the whole extent of the river.

Stat. 1876, ch. 136, points out a way for making a new channel over part of this route, to be built at the joint expense of the town and city.

Whilst this report is going through the press we have received h e following communication: —

SEWER DEPARTMENT, CITY HALL,
BOSTON, March 8, 1878.

Dear Sir, — The City of Boston desires to make arrangements with the Town of Brookline, by which it can enter its sewers at Longwood and Tremont street into the main outlet lately built by the town.

For the City of Boston,
W. H. BRADLEY,
Superintendent of Sewers.

To W. I. BOWDITCH.

We advise the passage of the following vote: —

Voted, That be a committee, with authority to negotiate with the City of Boston in reference to constructing a new channel for Muddy river from near Pond avenue to Charles

river, so that the same may be kept free from sewage, such negotiation to be subject to ratification or rejection by the town.

ARTICLE X.

We respectfully refer to the report of the committee on the subject of this article for all the information which it is in our power to give in reference to the proposed revision of the by-laws of the town.

ARTICLE XI.

The Supreme Judicial Court having decided that Aaron D. Weld has a right of way by prescription to his wood-lot lying south of Grove street, across the north-west corner of the new Cemetery, and certain parties having warranted the title to be free from all such incumbrances, it has seemed to us expedient that a settlement should be made with such persons, either by receivin an equivalent in money or land for such defect of title.

We therefore advise the passage of the following vote: —

Voted, That the subject-matter of this article be referred to the Trustees of the new Cemetery, with full power to effect such a settlement of the claim of the town either in money or other land, as they shall think expedient, and for the best interests of the Cemetery. They are required to report such settlement made in either mode, or their inability to agree upon a settlement, as soon as may be.

ARTICLE XII.

We have received application for lamp-posts on St. Paul street, between Beacon and Francis streets, and at or near the corner of Morss avenue.

We advise the town to appropriate $300 for the erection of lamp-posts and lighting the same for the year ensuing.

COMMONWEALTH OF MASSACHUSETTS.

NORFOLK, ss.

To either of the Constables of the Town of Brookline, greeting: —

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the town of Brookline, qualified to vote in elections, to meet at the Town Hall in said town, on Tuesday, the twenty-sixth day of March instant, at one of the clock in the afternoon, for the following purposes, to wit: —

First. To choose a Moderator.

Second. To see if the town will choose two women as Overseers of the Poor.

Third. To choose the usual town officers for the ensuing year.

Fourth. To hear and act upon the reports of town officers and committees.

Fifth. To see what action the town will take in reference to the sale of intoxicating liquors, and whether it will advise the Selectmen to grant or withhold licenses.

Sixth. To see what action the town will take in reference to putting down lateral sewers in the village, and in Longwood.

Seventh. To see what action the town will take in reference to laying down a sewer in Aspinwall avenue, to connect with the present sewers in School and Harvard streets. Such sewer to take none of the water from Aspinwall brook, and to have no overflow into the same.

Eighth. To hear and act upon the report of the committee on the mode of laying assessments for the right to use the town sewers.

Ninth. To see what action the town will take in reference to uniting with Boston in making a new channel for Muddy river, so that the river may be kept free from sewage as far as possible.

Tenth. To hear and act upon the report of the Committee on By-Laws.

Eleventh. To see what action the town will take in reference to Aaron D. Weld's right of way across the north-west corner of the new cemetery.

Twelfth. To see whether the town will make an appropriation for lighting St. Paul's street, from Longwood avenue to Francis street, and to place a lamp near the corner of Morss avenue and Walnut street.

Thirteenth. To see if the town will accept the list of jurors, as revised by the Selectmen, and posted according to law.

Fourteenth. To raise and appropriate such sums of money as may be required to defray the expenses of the town during the ensuing year, and for any or all of the foregoing articles.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the Selectmen, four days, at least, before the day of said meeting.

Given under our hands at Brookline aforesaid, this sixth day of March, in the year of our Lord one thousand eight hundred and seventy-eight.

WILLIAM I. BOWDITCH,
JAMES M. CODMAN,
MARSHALL RUSSELL,
FRANCIS W. LAWRENCE,
OLIVER WHYTE,

Selectmen of the Town of Brookline.

TOWN OF BROOKLINE.

2863

SELECTMEN'S REPORT

ON THE

ARTICLES IN THE WARRANT

FOR THE

MEETING,

JULY 2, 1878.



BOSTON:
FREDERICK A. SEARLE, PRINTER,
262 WASHINGTON STREET.
1878.

REPORT.

ARTICLE II.

To see if the Town will adopt a system of sewerage, establish a mode of assessment for the right to enter and use the sewers, adopt the Act relating to the Apportionment of Sewer and Sidewalk Assessments, approved May 15, 1878 (Stat. 1878, chap. 249), and generally to hear and act upon the reports of the Committee on the mode of laying assessments.

The law now provides (Gen. St. chap. 48, sect. 4) that every person who enters his particular drain into a main drain or common sewer, or who, by more remote means, receives benefit thereby, for draining his cellar or land, shall pay to the town a proportional part of the charge of making and repairing the same, and (by Stat. 1878, chap. 232, sect. 1) of the charge, not already assessed, of making and repairing other main drains and common sewers through which the same discharges, to be ascertained, assessed, and certified by the Selectmen; and notice thereof shall be given to the party to be charged or his tenant or lessee.

Stat. 1878, chap. 232, sect. 3, provides that, "The legal voters of any town, in a meeting called for that purpose, may adopt a system of sewerage to apply to any part or the whole of the territory of such town, and and may provide that the assessment authorized by said Section 4 (Gen. Stat., chap. 48, sect. 4) shall be made upon the owners of the estates embraced in such system by a fixed, uniform rate, based upon the estimated average cost of all the sewers therein, according to the number of feet of frontage their estates have on any street or way where a sewer is constructed, or according to the number of feet of area their said estates contain

within a fixed depth from such street or way, or both according to such frontage and area, which rate, when adopted, shall not be changed."

Mr. J. Herbert Shedd has already reported to the Town (August, 1876) on "A System of sewerage for the Town of Brookline." His scheme provides "for nearly all the eastern portion of the Town." Following his advice, the Town has already constructed, and we are now beginning to use, the main sewer to Charles river, which is to form the outlet for the whole system of sewers contemplated by him. The Town has therefore already, practically speaking, adopted a system of sewerage to apply to nearly all the eastern portion of the Town.

No assessment can be made on any estate which cannot drain into this main sewer, because all such estates are outside the drainage district contemplated by Mr. Shedd.

Estates through or along which the main sewer has been built, and which can drain into it directly by private connection, without the construction of lateral sewers, can be properly assessed now. Thus, the estates on St. Mary's and Carlton streets, and part of Beacon street, through which the main sewer has been built, may be assessed. So the estates of Mrs. Judge Wells, the Stearns and the Aspinwall estates may properly be assessed.

But no assessment can be made on any other estates until a sewer connected with this main sewer has been actually constructed by the Town in the street or way on which the estate bounds, or through or along the estate in such a manner that it can enjoy the advantages of the main sewer.

By the law passed this year, we may assess each and all estates benefited a fixed, uniform rate, based upon the estimated average cost of all the sewers in the district proposed ultimately to be drained through the main sewer, and we may make this assessment according to the number of frontage feet of the lot on the street, or on the area of the lot within some fixed depth from the street, or we may base the assessment upon both frontage and area of the lot to be benefited.

The majority of the Committee on Sewer Assessments have already advised the Town to pay one-third, and to assess upon the estates benefited two-thirds, of the cost of the construction of the sewers. They say: "Mr. Shedd's estimate is, that a rate of seventy-five cents per front foot, and one and one-eighth cents per square foot of area, not exceeding one hundred and fifty feet in depth from the street, will be necessary in order for the Town to get back two-thirds of the whole expenditure. As the larger — that is, the most expensive — sewers are built first, this rate at first would be too small, and would approach two-thirds of cost in proportion as the whole work neared completion. The experience of the City of Providence illustrates this. There the rate established was sixty cents per front foot, and one cent per square foot of area, not exceeding the depth of one hundred and fifty feet. The city assumed two-fifths of the whole cost, and the remaining three-fifths was to be assessed upon abutting estates. After the expenditure had reached $1,316,248.61, the assessments amounted to $507,301.98, or about thirty-eight and one-half per cent. of cost of the sixty per cent. aimed at. Up to this point the cost of construction per foot had been $6.60; but as the work progresses the proportion of smaller sewers increases, thus reducing the average cost per foot of the whole work, and making the total amount of assessments constitute a larger portion of the whole cost. It is evidently impossible in such an estimate to determine precisely what rate of assessment would bring back to the Town just two-thirds of all its expenditure. Making the best allowance we can for all contingencies, we think that a rate seventy-five cents per front foot and one cent per square foot of area, not exceeding one hundred feet in depth from the street, will make the sum assessed upon each individual reasonable, just, and proper; and on the completion of the system of sewerage the total amount of assessments will bring back to the Town nearly two-thirds of its whole expenditure."

If the Town shall think best to follow the advice of the majority of the Committee, we offer the following votes for consideration: —

(1.) *Voted*, That the Town hereby adopts the system of sewerage already reported to the Town by J. Herbert Shedd, for which system of sewers the main sewer to Charles river already built will form the outlet; and the Town assumes to pay one-third of the estimated cost of the whole work necessary to complete the sewer system, and the remaining two-thirds shall be assessed on the estates benefited, in the manner hereinafter stated.

(2.) *Voted*, That the Town hereby establishes as a uniform rate of assessment for all the estates which will finally use the main sewer directly or indirectly, seventy-five cents for every front foot on the street or way or on the sewer itself, and one cent for every square foot of area of each and all estates to be assessed; but the area so to be assessed shall in no case exceed in depth one hundred feet from the street or way or from the sewer itself.

The "Act relating to the Apportionment of Sewer and Sidewalk Assessments" (Stat. 1878, chap. 249) provides: —

"SECTION 1. At any time within sixty days after notice is given of a sewer or sidewalk assessment on any real estate, if the owner thereof shall in writing notify the board making the same that he desires to have the amount due on said assessment apportioned, said board shall apportion the same into three equal parts, and certify such apportionment to the assessors of the city or town where such real estate is situate; and said assessors shall add one of said equal parts, with the interest due thereon from the date of the apportionment, to the annual tax of said real estate for each of the three years next ensuing. And all liens for the collection of such assessments shall continue in force until the expiration of two years from the time the last instalment thereof is committed to the tax-collector; and all sewer and sidewalk assessments upon real estate which remain unpaid after the time stated in the order making the same for payment thereof, shall draw interest from such time until paid."

"And we offer this vote: —

(3.) *Voted*, That the Town hereby adopts the "Act relating to the Apportionment of Sewer and Sidewalk Assessments," approved May 15, 1878. (Stat. 1878, chap. 249.)

The minority of the Committee on Sewer Assessments have, however, advised us to adopt the Boston plan, which is in substance as follows: —

"A main sewer through a valley is built, and its cost divided by the whole area eventually to be drained by it, calculated from the water-shed. A rate is thus fixed which each thousand feet should pay towards the main. Then, as fast as branches are built, to their cost is added the proportion of the cost of the main; one-fourth is then deducted to be borne by the city, and the balance apportioned on the abutting estates according to their area, generally not exceeding one hundred feet in depth, but sometimes reaching one hundred and fifty."

Under this system, estates equal in point of value, and receiving equal benefit, do not necessarily pay the same assessment, but pay a greater or smaller sum as they happen to abut on an expensive or inexpensive local sewer.

This and other considerations, and the passage of the general law by the last Legislature authorizing the general adoption by towns and cities of the plan recommended by the majority of our Committee, lead us to advise the Town not to adopt the Boston plan of assessments.

ARTICLE III.

To see if the Town will accept those parts of the "Act in relation to Betterments," approved May 26, 1871 (or Stat. 1871, chap. 382), and the amendments thereof, which are not in force in this Town until accepted by it.

After we shall have accepted this law, then, at any time within two years after any street or way shall be laid out, altered, widened, graded, or discontinued, if the Selectmen shall be of opinion that any real estate, including that a part of which has

been taken for such purpose, will receive any benefit and advantage therefrom, beyond the general advantages to all real estate in the Town, the Selectmen may determine the value of such benefit, and assess not over one-half the amount of such benefit on the estates improved.

Any party aggrieved by the doings of the Selectmen may petition the Superior Court, and have a jury-trial on the question.

Even if the statute be accepted by the Town, we need not act under it unless we please. By Stat. 1874, chap. 275, unless the order laying out a street expressly declares that the street has been laid out under the provisions of law authorizing the assessment of betterments, no assessment can be made.

We therefore advise the Town to accept the act. We can avail ourselves of its provisions or not, as we please, in each particular street; and there are constantly occurring cases where, if the parties chiefly interested were willing to bear their proper share of the expense, the Town would be perfectly justified in paying one-half the expense; whereas now the Town must pay the whole expense of every such improvement, no matter whether the improvement is a general or merely a local one.

We offer the following vote for consideration: —

Voted, That those parts of an "Act in relation to Betterments," approved May 26, 1871, being Stat. 1871, chap. 382, and the amendments thereof, which are not now in force in this town, be, and the same are hereby, accepted by the Town.

ARTICLE IV.

To see if the Town will make an appropriation to pay the Auditors for their services last year.

The Auditors earned three hundred dollars for their services, and would have been entitled to receive that amount if their bill

had been brought in seasonably. They now bring in a bill for one-half the amount really due them, and we offer this vote: —

Voted, That the Selectmen be authorized and directed to pay one hundred and fifty dollars to the Auditors for last year for their services out of any unexpended or unappropriated balance in the Treasury.

ARTICLE V.

To see if the Town will increase the appropriation for lighting gas-lamps.

The gas-company declined to reduce the price of gas, as the Town, at the annual meeting, thought would be done; and we have been, therefore, obliged to discontinue lighting more than one hundred lamps for want of funds. Many of these lamps were put up by individuals, at their expense, on the agreement or understanding that the Town would keep them lighted.

We offer the following vote: —

Voted, That the Selectmen be and they hereby are authorized and directed to light all the gas-lamps that were lighted last year, and the expense thereof may be paid out of any unexpended or unappropriated balances in the Treasury.

We have received this petition in reference to this subject: —

The undersigned, citizens of Brookline, respectfully request the insertion of the following article in the warrant for the next town-meeting: —

To see what action the Town will take to provide for the better lighting of the streets.

H. S. BURDETT,
T. R. SHEWELL,
MORRILL FROST,
JEROME JONES,
CHARLES W. SABIN,
P. OLSEN,
GEO. F. FABYAN, per P. O.,
WM. J. SEAVER,
HENRY P. BRIGGS,
GORDON PLUMMER,
A. L. CUTLER,
CHARLES FOSTER,
WILLIAM WOOD,
WM. J. DANA,

M. C. WARREN,
CHAS. W. HOLTZER,
GEO. H. WORTHLEY,
A. B. CROCKER,
G. G. DAWES,
F. HAVEN,
E. F. CUSHMAN,
GEO. N. CARPENTER,
A. S. JONES,
F. E. FILLEBROWN,
W. T. R. MARVIN,
T. R. MARVIN,
JOHN J. HENRY,
L. SHANNON DAVIS,
CHAS. H. DREW,
W. B. SEARS,
CHAS. B. FARNUM,
CHAS. H. MAYNARD,
R. HILLS,
WILLIAM J. WINCH,
RUFUS K. WOOD.

ARTICLE VI.

To see what action the Town will take in reference to suits or claims against the Town.

We offer the following vote for the consideration of the Town: —

Voted, That the Selectmen be and they are hereby authorized to defend all suits brought against the Town, or to settle them upon such terms as may seem reasonable; but all settlements which involve any expenditure of money must be paid out of the appropriation for contingencies, or else they must be reported to the Town and acted on by it before the same shall be deemed binding upon the Town.

Voted, That the expenses of defending all suits growing out of the introduction of water shall continue to be paid out of the water-receipts; and the expense of defending all suits growing out of the construction of the main or lateral sewers may be paid out of any appropriation for the construction of sewers, or the contingent fund, or partly from both, at the discretion of the Selectmen.

The following letter explains itself: —

BOSTON, June 19, 1878.

To the Chairman of the Brookline Water Board: —

DEAR SIR, — Patrick O'Neal, of West Roxbury, complains of serious damage to his farm in consequence of some repairs made

by you on the line of your conduit, near the engine-house. It seems that, after the location and construction of the works, some repairs were necessary, during which a very large quantity of sand and water pumped on Mr. O'Neal's land completely filled up a ditch which bounded his pasture. As a consequence, his cows have escaped from his pasture. He is now at considerable expense, employing a person to watch his cows and keep them in bounds, and will claim that he is damaged and ought to be compensated.

I suggest that the place be examined, and that the Board either open the ditches or provide Mr. O'Neal with the money sufficient to do so himself.

Very respectfully, yours,

J. A. MAXWELL.

We offer the following vote : —

Voted, That the Water Board be and they hereby are authorized to settle the claim of Patrick O'Neal by clearing out the ditches belonging to him, which the Town has filled up, or in such other way (not more expensive) as they shall deem expedient; the expenses of this settlement to be a charge upon, and to be paid out of, the water-receipts.

ARTICLE VIII.

This article was inserted pursuant to the following request :—

To the Honorable Board of Selectmen of the Town of Brookline :—

The undersigned, voters of the Town of Brookline, respectfully request your honorable Board to insert in the warrant for the next Town-meeting an article in substance as follows : —

To see if the Town will grant permission to the Holyhood Cemetery Association to use, for the purpose of burial, a parcel of land situated upon Boylston street, in Brookline, being the whole of Lots Three and Five shown upon a plan of Chestnut Hill in Brookline and Newton, drawn by J. Herbert Shedd, Sur-

veyor, dated August, 1856, except such portions of said lots as lie in the city of Newton, in conformity with section five of chapter twenty-eight of the General Statutes.

ENEAS SMYTH,	WILLIAM MULRENIN,
MICHAEL GRIFFIN,	MICHAEL CANTY,
JAMES DRISCOLL,	PHILIP DUFFY,
THOS. J. MURRAY,	J. T. O'DAY,
REV. L. J. MORRIS,	FLORENCE SULLIVAN.

Except in the case of the erection or use of a tomb on private land for the exclusive use of the family of the owner, no land other than that already so used or appropriated can be used for the purpose of burial in this Town unless by permission of the Town. (Gen. Stat. chap. 28, sect. 5.)

The following protests have been received by us: —

To the Honorable the Selectmen of the Town of Brookline, and the Inhabitants of said Town: —

The undersigned hereby respectfully remonstrate against the location of a Cemetery on land situated on Boylston street, in the neighborhood of Chestnut Hill.

JOHN LOWELL,	FRANCIS L. LEE,
LEVERETT SALTONSTALL,	S. L. BUSH,
R. H. WHITE,	THOMAS PARSONS,
D. D. SLADE,	THEODORE LYMAN,
ISAAC KINGSBURY,	JAMES S. WHITNEY,
GEORGE F. STONE,	AMOS A. LAWRENCE,
DANIEL STONE,	M. P. KENNARD,
ISAAC F. KINGSBURY,	CHAS. U. COTTING,
FRANCIS W. LEE,	LOUIS CABOT,
H. G. TUCKER,	EDWARD ATKINSON,
THOMAS H. BACON,	ALBERT A. COBB,
AUGUSTUS LOWELL,	JOHN H. CABOT,
GEORGE ATKINSON,	DAN'L D. BRODHEAD,
CHARLES D. HEAD,	WM. E. LINCOLN,
GEORGE C. LEE,	FREDERICK AMORY,

HARCOURT AMORY,
JOHN H. STURGIS,
WILLIAM R. CABOT,
ELIZ. B. BOWDITCH, by E. F. Bowditch,
JOHN W. CANDLER,
ALEX. S. PORTER,
FRANCIS CABOT,
B. SCHLESINGER,
THOS. B. HALL,
HENRY LEE,
JULIA GODDARD,
O. B. DELANO,
CLARENCE A. DELANO,
W. C. CABOT,
J. ELLIOT CABOT,
MRS. S. CABOT,
JAMES S. AMORY,
IGNATIUS SARGENT,
JAMES M. CODMAN,
F. HUNNEWELL,
W. T. R. MARVIN,
JACOB W. PIERCE,
STANTON BLAKE,
J. M. SEAMANS,
EUGENE F. FAY,
HENRY G. FAY,
GEO. B. WOODWARD,
ISAAC TAYLOR.

To the Selectmen and the Inhabitants of the Town of Brookline: —

The undersigned respectfully remonstrate against the location of a Cemetery on Boylston street in said Town.

GEORGE THOMPSON,
M. W. QUINLAN,
THOMAS QUINLAN, Jr.,
WM. RANNY,
CORNELIUS MURPHY,
JAMES SCOTT,
JAS. H. KELLY,
JAMES TOOMY,
WM. ROONEY,
P. LUCAS,
J. H. MAHER,
JOHN McCORMACK,
PHILIP DUFFY,
JAMES McCORMACK,
MICHAEL CUSICK,
JOHN O. LEAHY,
MICHAEL HICKEY,
JAMES GALLAGHER,
JEREMIAH CROWLEY,
BARTHOLOMEW CUSICK,
TERENCE GALLAGHER,
THOMAS BURKE,
JOHN HALLORAN,
J. H. DRISCOLL,
T. DRISCOLL,
JOHN J. McCORMACK,
THOMAS J. MURRAY,
ANDREW LOWRY,
MICHAEL L. CUSICK,
PATRICK DILLON,
MICHAEL O. DAY,
JOHN COUGHLAN,
H. GLEASON,
JOHN BOLEN,

JOHN DILLON,
DENNIS McNAMARA,
BERNARD LYONS,
JOHN CONWAY,
MICHAEL LYNCH,
JOHN COOK,
MICHAEL O'DAY,
THOMAS CURRY,
PATRICK LARKIN,
EDWARD RYAN,
PATRICK RYAN,
ARTHUR FINNIGAN,
OWEN LYNCH,
REDMOND KELLY,
MICHAEL CONRY,
JAMES O. HEARN,
DENIS O'DEA,
TIMOTHY NYHAN,
PATRICK DAILY,
J. T. O'DAY,
J. CARMODY,
J. DRISCOL,
THOS. DOOLEY,
JOHN NOONAN,
JOHN O. HARE,
BERNARD GILLESPIE,
JOHN CAHILL,
JOHN A. LONG,
P. A. HOGAN,
JAMES GLEASON,
JOHN J. CARMODY,
JAMES MOLENY,
P. H. CARMODY,
P. McGRATH,
THOMAS McNAMARA,
EDWARD HOWE,
RICHARD MULCAHY,
JOHN MURRY,
PAT. HICKEY,
DAN. H. DRISCOL,
WILLIAM JENNINGS,
JAMES LUNNEY,
JAMES HALL,
PATRICK CLEARY,
MICHAEL CRONIN,
C. BURNS,
MATHEW RYAN,
MICHAEL BONY,
THOMAS CUNEEN,
JOHN CUNEEN,
MARTIN CARROLL,
DAVID MAGNER,
TERENCE McGUIRE,
THOMAS WINTERS,
BARNARD FINNEGAN,
JAMES CASEY,
THOS. MURRY,
PATRICK HURLY,
THOMAS SWEENEY,
PATRICK ROONEY,
HUGH MURRY,
M. DRISCOLL,
JEREMIAH SHEA,
P. H. CUSICK,
DANIEL MILEY,
PATRICK HOLLARAN,
MICHAEL CUMMINGS,
DANIEL MAHONEY,
MAURICE HICKEY.

To the Honorable the Selectmen of the Town of Brookline, and the Inhabitants of said Town: —

The undersigned hereby respectfully remonstrate against the location of a Cemetery on land situated on Boylston street, in the neighborhood of Chestnut Hill.

GEO. GRIGGS,
JAMES GEDDES,
T. R. SHEWELL,
GEO. S. CUSHING,
F. D. FIELD,
J. H. ALLEN,
C. L. HAYNES,
GILBERT STEARNS,
B. N. JEWETT,
S. R. HALLETT,
E. WINSOR,
W. H. DEMOND,
L. S. DAVIS,
R. W. SHAPLEIGH,
R. G. F. CANDAGE,
CHAS. H. JAMES,
P. W. PIERCE,
WM. L. TAFT,
GEO. E. BOGMAN,
A. L. CUTLER,
H. E. ABBOTT,
JOSIAH GOODING,
JOHN TOWNSEND,
ELBRIDGE WASON,
RUFUS S. ALLEN,
D. T. KENRICK,
A. W. SNOW,
W. B. HASELTINE,
JAMES WARD.
C. E. HAPGOOD,
GEO. W. CARNES,
WILLIAM F. HALL,
F. W. PRESCOTT,
H. D. CHAPIN,
ANDREW LOWRY,
MARSHALL RUSSELL,
LEWIS S. PRICE,
SAMUEL P. TRAIN,
C. F. HARRINGTON,
AMASA CLARK,
J. F. SAMPSON,
G. G. DAWES,
J. H. SHAPLEIGH,
W. I. TAYLOR,
F. A. JEWETT,
CHARLES H. HEATH,
N. WATSON,
B. W. NEAL,
H. F. STODDER,
WILLIAM REAMS,
E. C. EMERSON,
C. CURRY,
N. P. MANN, JR.,
JOHN WILSON,
FRANCIS C. RICHARDS,
WM. HOBBS,
A. S. JONES,
FRANCIS W. WELCH,
R. A. CHACE,
W. P. WOODBURY,
W. R. MELCHER,
JOHN PANTER,
L. M. CRANE,
THOS. T. ROBINSON,

CHARLES W. SABIN,
JEROME JONES,
EDW. C. CABOT,
CHARLES P. WARE,
THOS. B. GRIGGS,
CHARLES DWIGHT,
N. G. CHAPIN,
JUSTIN JONES,
MORRILL FROST,
CHARLES H. STEARNS,
WILLIAM D. COOLIDGE,
GEO. W. STEARNS,
ED. S. PHILBRICK,
GEO. F. BROWN,
LEONARD A. TREAT,
JOSHUA CRANE,
A. W. GODDARD,
EDWIN CLARK,
GEO. P. RICHARDSON,
JOHN G. STEARNS, JR.,
I. K. MARSHALL,
H. B. EAGER,
GEO. E. EVERETT,
M. SHEPARD BOLLES,
EDWARD SHARP,
WM. H. COOLEY,
S. D. BENNETT,
JOSEPH S. BIGELOW,
Z. F. BRETT,
AVERY WELLINGTON,
E. I. THOMAS,
ISAAC WOODWARD,
JOS. T. BROWN,
GEO. W. TORREY,
E. F. ALLEN,
AUG. WHITTEMORE.

CITY CLERK'S OFFICE, CITY HALL,
NEWTON, May 6, 1878.

The undersigned most respectfully present to the Board of Selectmen and the Inhabitants of the Town of Brookline, their earnest remonstrance against the location of a Cemetery on Boylston street in said Town, on land lying between said Boylston street and the railroad, in the neighborhood of and abutting on that part of Newton called Chestnut Hill.

The grounds of this remonstrance are, that such a location of a Cemetery would very greatly lessen the taxable value of all that portion of Newton.

WM. B. FOWLE, *Mayor.*

JAMES F. EDMANDS,
WM. S. GOODRICH,
OTIS PETTEE,
GEO. S. BULLENS,
F. G. BARNES,
WM. W. KEITH,
E. W. WOOD,
Aldermen.

ARTICLE IX.

We offer this vote: —

Voted, That the Water Board be authorized to lay a two-inch main in Chestnut place, from Chestnut street, a distance of four hundred feet, at an estimated expense of two hundred and fifty dollars, and charge the same to the extension of water-works.

ARTICLE X.

We offer this vote: —

Voted, That the Water Board be authorized to lay a six-inch main in Brookline avenue, from the point where the main now ends to a point near the Boston line, a distance of six hundred and fifty feet, at an estimated expense of five hundred and eighty-eight dollars, provided there should remain of the sum appropriated, at the annual town-meeting, for the extension of the water-works, enough, after paying for such mains as have heretofore been authorized and other expenses incidental thereto.

ARTICLE XII.

To see if the Town will apply to the County Commissioners to locate anew Harvard street, or any other highway whose boundaries are uncertain.

This article was inserted at the request of Mr. Aspinwall. He says that "Harvard street was located anew about eight years ago, but the plan made at that time cannot be found, and consequently it is impossible for the abutters to find their lines. It is believed that the lines of Walnut street, which is a highway, are very uncertain, and that at several points which are apparently within the limits of the road, the abutters, if they chose, could remove their fences into the street, and thus diminish the public easement. We recommend the passage of a vote in general terms, so that, after inquiry, we may apply to the County Commissioners to locate anew such highways as we may be convinced are in an unsatisfactory legal and actual condition."

COMMONWEALTH OF MASSACHUSETTS.

NORFOLK, ss.

To either of the Constables of the Town of Brookline: —

GREETING:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the Town of Brookline, qualified to vote in elections, to meet at the Town-hall, in said Town, on Tuesday, the second day of July next, at three of the clock in the afternoon, for the following purposes, viz.: —

First. To choose a Moderator.

Second. To see if the Town will adopt a system of sewerage; establish a mode of assessment for the right to enter and use the sewers; adopt the Act relating to the Apportionment of Sewer and Sidewalk Assessments approved May 15, 1878 (Stat. 1878, chap. 249); and generally to hear and act upon the reports of the Committee on the mode of laying assessments.

Third. To see if the Town will accept those parts of the "Act in relation to Betterments," approved May 26, 1871 (or Stat. 1871, chap. 382), and the amendments thereof, which are not in force in this Town until accepted by it.

Fourth. To see if the Town will make an appropriation to pay the Auditors for their services last year.

Fifth. To see if the Town will increase the appropriation for lighting gas-lamps.

Sixth. To see what action the Town will take in reference to suits or claims against the Town.

Seventh. To hear and act upon the report of the Committee on By-Laws.

Eighth. To see if the Town will grant permission to the Holyhood Cemetery Association to use, for the purposes of burial, a parcel of land situated upon Boylston street, in Brookline, being the whole of Lots Three and Five, shown upon a plan of Chestnut

Hill, in Brookline and Newton, drawn by J. Herbert Shedd, surveyor, dated August, 1856, except such portions of said lots as lie in the city of Newton, in conformity with section five of chapter twenty-eight of the General Statutes.

Ninth. To see if the Town will authorize the Water Board to lay a water-pipe in Chestnut place, to supply the estates of Mr. A. L. Cutler and Mrs. S. F. Train.

Tenth. To see if the Town will authorize the Water Board to extend the water-main already laid in Brookline avenue to a point near the Boston line.

Eleventh. To raise and appropriate such sums of money as may be required for any or all the foregoing articles.

Twelvth. To see if the Town will apply to the County Commissioners to locate anew Harvard street, or any other highway whose boundaries are uncertain.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the Selectmen, four days at least before the day of said meeting.

Given under our hands, at Brookline aforesaid, this twenty-fourth day of June, in the year of our Lord one thousand eight hundred and seventy-eight.

WILLIAM I. BOWDITCH,
FRANCIS W. LAWRENCE,
HORACE JAMES,
JAMES W. EDGERLY,
OLIVER WHYTE.

TOWN OF BROOKLINE.

20553

SELECTMEN'S REPORT

ON THE

ARTICLES IN THE WARRANT

FOR THE

MEETING,

JULY 17, 1878.



BOSTON:
FREDERICK A. SEARLE, PRINTER,
262 WASHINGTON STREET.
1878.

REPORT.

ARTICLE II.

To see if the Town will accept and allow three town-ways, as laid out by the Selectmen under the provisions of law authorizing the assessment of betterments: one called Brook street, leading from Aspinwall avenue to the location of the Boston & Albany Railroad, following the general course of Aspinwall brook; and two leading from Brook street to Aspinwall avenue, one of which will form the extension of Perry street, and the other will be about 150 feet west of the said location; the purpose being to build a 7-feet sewer under Brook street, and to make an appropriation to pay the damages awarded the owners of the land taken to make said street.

In their report at the last annual meeting the Selectmen advised the town to appropriate $26,621 to construct a 4-feet sewer in Aspinwall avenue, and to connect the same with the existing sewers in School and Harvard streets, as set forth in Mr. Shedd's letter, dated Feb. 27, 1878.

The Town, however, made no such appropriation, but referred the whole subject back to us for public hearing and consideration. We have accordingly had the public hearing, and have had various interviews and negotiations with the parties specially interested, and make the following report: —

No one seems seriously to call in question the necessity of a sewer somewhere in the neighborhood of Aspinwall brook, which also seems to be the natural place for a sewer; and Mr. Shedd says

a 7-feet sewer will be needed to carry the water in the brook in times of storm.

There are, therefore, only three ways, besides that recommended at the annual meeting, in which the existing evil can possibly be remedied. We must build such a sewer either —

(1.) Along the line of the brook.

(2.) We must lay it in Aspinwall avenue, or

(3.) We must lay out a new street and build the sewer under it.

If we adopt the first plan, — abandon the idea of building any streets, and proceed to lay out and construct a sewer along the line of the brook from Aspinwall avenue to the main sewer at the railroad, — the sewer itself, according to Mr. Shedd's letter, dated Feb. 22, 1878, will cost $28,440

For the land within which to build this sewer, we must take a strip 28 feet wide and about 1,814 feet long, or 50,792 square feet. As no one's estate can be deemed benefited by having a strip of land 28 feet wide running through it condemned for sewerage purposes, we shall have to pay damages for this taking. Some parts of the land are valuable, other parts less so, but we do not think we could get off without paying at least 30 cents a foot on an average. This would make the land damages amount to, say . 15,237

600 feet of 12-inch sewer in Aspinwall avenue will cost 1,200

Engineering expenses will be, say 1,000

It will therefore cost about $45,877

if we lay out and build a sewer merely.

The owners of the land through which it would be laid object to a sewer being thus built, and we may therefore reasonably expect no backwardness on their part in claiming damages.

If we build the sewer in Aspinwall avenue it will cost, according to the estimate of Mr. Sawyer, contained in his letter dated May 20, 1878 $41,400
Add engineering expenses 1,000

$42,400

It may, therefore, cost us $3,477 less to build the sewer in the avenue than it will to build it along the brook. It should be borne in mind, however, that if built under the avenue the present winding channel of the brook will be disused, and the surface-water from the estates in the neighborhood will settle down and remain standing where this channel now runs, and make a swampy place immediately, and shortly create a nuisance, the suppression of which, and settlement with the land-owners for their damages, would doubtless absorb more than the $3,477 thus saved.

The third way is to lay and build a new street, and construct the sewer under it.

We have agreed with all parties known to us to be interested in this plan except Mr. and Mrs. Burt, Messrs. Lovett, Doane, and Howe. We propose to take but little land from either of these parties. Mrs. Burt is damaged somewhat; but to her and all the others the construction of the streets will be a benefit, — to some of them a very great benefit, — and from those thus greatly benefited we shall claim payment of a betterment.

We find we can build all three streets desired by the parties for	$9,500 00
We estimate the land damages at	6,305 60
" " fencing at	600 00
The sewer under Brook street will cost . .	28,440 00
600 feet 12-inch sewer in Aspinwall avenue will cost, as before estimated	1,200 00
Engineering expenses will be, as before estimated,	1,000 00
Making the total cost about	$47,045 60

If, therefore, we build the streets and a 7-feet sewer under Brook street, and pay the land damages, it will cost us $1,168 more than it will to build a 7-feet sewer merely along the brook; but in building the streets we shall not only open up the land to improvement, and increase its taxable value, but we shall be able to get back more than this excess of cost from the betterments to be hereafter assessed.

Of the three plans we have been considering, we think, therefore, that it will be more expedient for the Town to adopt the third. We think it will prove more satisfactory in the end, and cheaper, to lay out the three streets desired by the land-owners, and build the sewer under Brook street, than it will be either to build a 7-feet sewer along the brook or under Aspinwall avenue.

If, however, the town wishes so to do, we can still build a 4-feet sewer in Aspinwall avenue for $26,621, as stated in the report at the annual meeting; $1,000 should, however, be added for engineering expenses. This, as was then stated, will relieve Aspinwall brook from nearly all the contaminating matter which now flows into it. Mr. Shedd, in his letter of February 27, thinks this 4-feet sewer may answer our purposes for perhaps 15 years. Mr. Sawyer, in his letter of April 19, 1878, thinks it may even suffice for 25 years. It is, however, of course, a mere matter of conjecture on their part. No one can tell with any certainty how soon the land in the vicinity will be so thickly covered with buildings as to render necessary the covering in of Aspinwall brook. In 1869 we thought the Full Basin had "superior merits as a reservoir for drainage for some time to come;" but we found out our mistake in about 5 years. Whenever, therefore, it shall become necessary, whether it be in 15 or 20 years, or in 10 years, or even less, the Town will be obliged, on the score of health, to lay out a sewer along the line of the brook.

Mr. Sawyer, in his letter dated June 3, 1878, estimated that a sewer 6 feet 4 inches in diameter will then be needed in addition to the 4-feet sewer in the avenue, in order to take the

whole flow of the brook. This will cost, at present prices, according to Mr. Sawyer's estimate . . . $26,450 00
And the land damages, at 30 cents a foot, will amount, as we have seen, to 15,237 00

$41,687 00

If, therefore, we build a 4-feet sewer in the avenue, we shall have to expend now $27,621; we shall save $19,424.60, and interest thereon, until a sewer has to be laid along the brook. In five years we shall save $24,791.26, and in ten years $31,640.63, compounding interest at 5 per cent. But, at some uncertain time hence, we shall have to expend $41,687 more, even if the cost of construction and price of land shall then be no higher than they now are, neither of which contingencies can safely be relied upon. This will make the drains in this vicinity cost $69,308.

Under these circumstances, we have concluded to lay out the streets desired by the land-owners, leaving it to the Town to accept them or not, at its pleasure, with the understanding, however, that, if accepted, the Town will build a 7-feet sewer under Brook street.

LOCATION OF BROOK STREET, THE EXTENSION OF PERRY STREET AND THE SHORT STREET WEST OF THE RAILROAD.

The undersigned, Selectmen of the Town of Brookline, having given printed and written notices to William Aspinwall, Right Rev. John J. Williams, Benjamin Hurd, Archibald E. McDonald, Solomon Burt and wife, Charles H. Union or his grantee, Joseph Lovett, George E. Stedman, William Aspinwall (who is believed to have become the purchaser of the estate of the Emigrant Savings-Bank), Daniel Doane, and Thomas Howe (being all the parties known to us or believed by us to be interested in the subject-matter of the streets laid out), that we intended to lay out, under the provisions of law, authorizing the assessment of betterments, —

First. A street, called by us Brook street, leading from Aspinwall avenue to the location of the Boston & Albany Railroad, following the general course of Aspinwall brook (under which street it is proposed to build an extension of the main sewer).

Second. A street to form the extension of Perry street, to lead from Aspinwall avenue to Brook street; and,

Third. A short street about 150 feet north-west of the location of said railroad, to lead from Aspinwall avenue to Brook street; and for these purposes to take lands and to divert water from the brook coming within the lines of the locations of the contemplated streets, such notices requiring such persons and corporation to appear before us at our room, at the Town Hall, on the 10th day of July, A.D. 1878, at 8 o'clock A.M.; and, having caused such notices to be actually served according to law, upon all such persons and said corporation, by a constable of this town, at least seven days before the day so appointed for the hearing; and having also given notice to them, and all other persons and corporations (if any) who may be interested in the subject-matter of said streets, or either of them, or said sewer, whose names are not known to us, or who have no place of abode in Town, or who have no tenant or authorized agent therein known to us, by posting up the same written and printed notices in three public places in the Town, at least seven days before said time appointed for the hearing; pursuant to such notices, we met at the time and place appointed, and, after hearing the parties and their remarks and objections, and the routes of the streets as hereinafter described, having been viewed and examined by us, after fully considering the subject, do adjudge that it is necessary for the public convenience and the public health of the inhabitants of this Town, that,

First. A street, called by us Brook street, should be laid out and maintained by the Town, leading from Aspinwall avenue to the railroad location, as hereinafter described, viz., the axis line of this street begins at a point on the prolongation of that part of the centre line of Aspinwall avenue, next Harvard street, and

distant from the stone bound, marking said centre line, 20 feet.

Thence running in a direction S. 43° 21′ 35″ E., being at right angles to said centre line prolonged about	184.00 feet.
Thence turning to the left and running in a direction S.84° 25′ 40″ E., about . .	515.46 "
Thence turning to the right, and running on a curve of 500 feet radius, about . . .	402.54 "
Thence running in a direction S. 49° 27′, E., being parallel to the southern boundary of the estate of William Aspinwall, and about 5.26 feet distant therefrom, to the location of the Brookline Branch Railroad, about .	712.23 "
	1,814.23 "

The street above described by the centre line has a width of 20 feet on each side of said centre line, and the corner on land of William Aspinwall near land of Benjamin Hurd, being rounded with a curve of 40 feet radius, and taking land for the construction of said road as hereinafter described.

From the estate of William Aspinwall, a parcel of land bounded easterly by the private way running from Aspinwall avenue to Linden place, northerly and north-easterly by land of said Aspinwall by a line 20 feet from the axis line, north-westerly by Aspinwall avenue, south-westerly by lands of William Aspinwall and land of Rt. Rev. John J. Williams, southerly by lands of Benjamin Hurd, Archibald E. McDonald, Mrs. Solomon Burt, and Charles H. Union, or his grantee, Joseph Lovett, about	12,334 sq. ft.

From the estate of the Rt. Rev. John J. Williams, or St. Mary's Catholic Church, a parcel bounded north-westerly by land of William Aspinwall, easterly by land of Benjamin Hurd, south-westerly by a line 20 feet from the axis line, about 133 sq. ft.

From the estate of Benjamin Hurd, a parcel of land bounded northerly by land of William Aspinwall, and southerly by a line 20 feet from the axis line, about 5,304 "

From the estate of Archibald E. McDonald, a parcel of land bounded northerly by land of William Aspinwall, westerly by land of Benjamin Hurd, easterly by land of Mrs. Solomon Burt, southerly by a line 20 feet from the axis line, about 1,218 "

From the estate of Mrs. Solomon Burt, a parcel of land bounded northerly by land of William Aspinwall, westerly by land of A. E. McDonald, southerly by a line 20 feet from the axis line, easterly by land of Charles H. Union, or his grantee, Joseph Lovett, about 380 "

From the estate of Charles H. Union, or his grantee, Joseph Lovett, a parcel of land bounded northerly by land of William Aspinwall, westerly by land of Mrs. Solomon Burt, southerly by a line 20 feet from the axis line, and easterly by the private way leading from Aspinwall avenue to Linden place, about 1,517 "

The lands thus taken from McDonald, Burt, and Lovett now form parts of a private way laid out by said McDonald.

From that part of the private way leading from Aspinwall avenue to Linden place, north

of the southern boundary of the estate of William Aspinwall, said way at this place being owned in fee by William Aspinwall, about .	440 sq. ft.
From that part of the private way south of said boundary line owned in fee by persons unknown to us, about	440 "
From the estate of William Aspinwall, a parcel of land bounded southerly by land late of the Emigrant Savings-Bank, and now of said Aspinwall, north-westerly by a private way, and northerly by a line 20 feet from the axis line, about	2,164 "
From the estate late of the Emigrant Savings-Bank, and now of said Aspinwall, a parcel of land bounded northerly partly by a line 20 feet from the axis line, partly by land of William Aspinwall, westerly by private way, and southerly by a line 20 feet from the axis line, about	3,230 "
From the estate late of the Emigrant Savings-Bank, and now of said Aspinwall, a strip of land, bounded on each side of said axis line by a line 20 feet from said axis line, about .	11,302 "
From the estate late of the Emigrant Savings-Bank, and now of said Aspinwall, a parcel of land bounded northerly by land of William Aspinwall, and southerly by a line 20 feet from the axis line, about	4,806 "
From the estate of William Aspinwall, a strip of land bounded northerly by a line of 20 feet from the axis line, and southerly by land late of the Emigrant Savings-Bank, and now of said Aspinwall, about	1,235 "
From the estate late of the Emigrant Savings-Bank, and now of said Aspinwall, a parcel of	

land bounded northerly by land of William Aspinwall, southerly by a line 20 feet from the axis line, about 4,276 sq. ft.

From the estate of Daniel Doane, a strip of land bounded northerly by land of William Aspinwall, and southerly by a line 20 feet from the axis line, about 8,705 "

From the estate of William Aspinwall, a strip of land bounded southerly by lands of Daniel Doane and Thomas Howe, northerly by a line 20 feet from the axis line, about . . 10,498 "

From the estate of Thomas Howe, a strip of land bounded northerly by land of William Aspinwall, and southerly by a line 20 feet from the axis line, about 5,001 "

Under this street, called by us Brook street, it is proposed to build an extension of the main sewer, of a size sufficient to take the whole flow of the water in Aspinwall brook, and the springs which may be found within the lines of the location.

Second. A street should be laid out and maintained by the town, leading from Aspinwall avenue to Brook street above laid out, which street will form the extension of Perry street, as hereinafter described, viz.: the centre line of this street begins at a point on the southern line of Aspinwall avenue, distant in a south-westerly direction 77.43 feet from the stone bound on the north side of said avenue, near Perry street.

Thence running S. 18° 11′ 30″ W., to the north side line of Brook street, above laid out, about 239.95 ft.

Said extension having a uniform width of 20 feet on each side of the above-described centre line, and

Said extension takes land —

From the estate of William Aspinwall, about . 4,767 sq. ft.
From the private way, owned in fee by said William Aspinwall, about 4,827 "

and — *Third.* A short street should be laid out and maintained by the town, leading from Aspinwall avenue to Brook street, above laid out by us, which short street will be north-west from and about parallel to the location of the Brookline Branch Railroad, as hereinafter described, viz.: the centre line of this street begins at a point in the centre line of Aspinwall avenue, and distant 150 feet in a westerly direction from the location of the Brookline Branch Railroad;

Thence running a distance of about 268.2 feet to the north side of Brook street, above laid out by us. The street thus laid out being everywhere 40 feet in width, and taking from land owned by William Aspinwall about . 9,847 sq. ft.

The location of all three of said streets is in accordance with a plan and profile of the same, dated June, 1878, made by Aspinwall and Lincoln, Civil Engineers, approved by us, and such plan and profile are adopted by us as part of this record.

The Selectmen also take the right to support each and all of said streets by sloping the banks on each side thereof on the adjoining land owned by said parties respectively, and for a short distance on land owned by George E. Stedman; but this is not intended to affect or impair at all the right of any owner of such adjoining land to use such slopes for building or any other purpose or use, whatsoever incident to the ownership of the fee in said slopes, that will not impair the security of the road-beds.

We have estimated the damage sustained by the owners of land rights and interests, including water-rights, caused by the laying out and construction of these three streets in manner aforesaid, whether by taking property, diverting water, or by injuring property in any manner whatsoever, and also estimate and determine the amounts to be paid to said parties respectively as follows: —

The Right Rev. John J. Williams, Benjamin Hurd, Archibald E. McDonald, and George E. Stedman, have waived all claims to damages.

We take from owners unknown to us about 440 square feet, and we award to such owners the sum of $5.

We take from Mrs. Solomon Burt 380 square feet of land in front of her barn, which land forms part of the private way laid out by McDonald, and we also take the right to support the road-bed as aforesaid. It will be necessary to raise the barn about 6 feet, in order to bring it on the level of Brook street, and we award her as damages for the land and rights thus taken the sum of $200.

We take from Joseph Lovett, as the grantee of Charles H. Union, 1,517 square feet of land, which forms part of the private way laid out by McDonald, and also the right to support the road-bed as aforesaid, and we award him as damages for the land and rights thus taken the sum of $75.

We take from Daniel Doane 8,705 square feet of land, and also the right to support the road-bed as aforesaid, and we award him as damages for the land and rights thus taken the sum of $870.

We take from Thomas Howe 5,001 square feet of land, and also the right to support the road-bed as aforesaid, and we award him as damages for the land and rights thus taken the sum of $750.

We take from William Aspinwall eight parcels of land, containing respectively: —

For Brook street,	12,334	sq. ft.
	440	"
	2,164	"
	1,235	"
	10,498	"
For the extension of Perry street,	4,767	"
	4,827	"
For the short street, 150 feet west of railroad,	9,847	"
We thus take from William Aspinwall a total of	46,112	sq. ft.

and also the right to support the road-bed as aforesaid; and

we award to him, and he has agreed to receive in full for all claim for damages for the land and rights thus taken, the sum of $2,700.

We take from the estate lately owned by the Emigrant Savings-Bank, but now owned by William Aspinwall, four parcels of land, containing respectively, 3,230, 11,302, 4,806, and 4,276 square feet, making a total of 23,614 square feet; and also the right to support the road-bed as aforesaid. And we award to him, as legal purchaser of this estate of the bank, and he has agreed to receive in full for all claim by said bank or himself, for damage for the land and rights thus taken, the sum of $1,705.60; being, as we believe, no more than the value of the gravel on the estate, late of said bank, which will fall within the line of the location of Brook street, reckoning such value at $3.20 a square.

As additional motives for inducing the Town to accept these streets, Mr. Aspinwall offers to give the Town, without expense, a right to construct and maintain a covered sewer, not exceeding 4 feet in diameter, from Aspinwall avenue through his land immediately adjoining, and easterly of land of George E. Stedman, to the sewer to be built under Brook street; or, in lieu thereof, to obtain, and without expense to the Town, a right to construct and maintain a similar sewer through the land of said Stedman opposite Toxteth street, the choice between these lines to be with Mr. Aspinwall; but no manholes or catch-basins, or other openings, are to be constructed in said sewer on the private lands of either said Aspinwall or Stedman.

Mr. Aspinwall also offers to accept the awards of $799, made to the heirs or grantees of Thomas Aspinwall, for damages occasioned by the laying out of the main sewer to Charles river, and to withdraw his application to the County Commissioners for a jury to assess his damages, without costs against the Town, although he is of opinion that the construction of such sewer has damaged his estate at least $4,000.

Mr. Aspinwall also offers to release the Town from all claims for injury done to his property by heretofore using Aspinwall

brook for drainage or sewerage purposes illegally and to his injury, as he claims the Town has done.

Mr. Aspinwall also offers to release the Town from all claims for injury done to his land by the illegal use of the dam and tide-gate erected some years since across Muddy river at the Brookline-avenue Bridge, as he claims the Town has done.

We do not admit that Mr. Aspinwall has any just claim against the Town for the use of Aspinwall brook by private parties for sewerage purposes. Nor do we admit that he has any just claim for damages growing out of the use of the dam and tide-gate; but, nevertheless, we think it an advantage to the Town to have these claims abandoned.

Mr. Aspinwall proposes to give to the Town certain rights, and also 69,726 square feet of land, for the sum of $4,405.60. On a portion of this land is a bank of gravel, worth in the market not less than $1,705.60. We should probably have to pay more than that sum to place on the line of the road that amount of gravel. So that the Town really gets from Mr. Aspinwall 69,726 square feet of land and certain other rights for $2,700. We, therefore, on behalf of the Town, assume the payment of any betterment hereafter to be assessed on his estates for the laying out of these streets.

We also assume, on behalf of the Town, the payment of any betterment hereafter to be assessed on the estates of Archibald E. McDonald and George E. Stedman, but expressly reserve the right to assess the estates of all other parties, according to law.

And we have given the owners of the lands through which said streets are laid out, thirty days from the date of the acceptance of this report by the Town, in which to remove structures, buildings, walls, fences, hedges, or trees, standing on said land.

And said streets, as so laid out, located, and described, are hereby reported to the Town for acceptance; and when so accepted, allowed and recorded, are to be known as town ways.

The said plan, profile, and this record have been this day filed by us in the Town Clerk's office.

We can build all these streets for	$9,500 00
The land damages we estimate at	6,305 60
The fencing we estimate at	600 00
The construction of the sewer under Brook street will cost, according to Mr. Shedd's estimate .	28,440 00
600 feet 12-inch sewer in Aspinwall avenue will cost	1,200 00
Preliminary surveys, plans, and engineering expenses will cost, say	1,000 00
Making total cost of streets and sewers	$47,045 60

WM. I. BOWDITCH,
FRANCIS W. LAWRENCE,
HORACE JAMES,
JAMES W. EDGERLY,
OLIVER WHYTE.
Selectmen of Brookline.

Brookline, July 10, 1878.

It will be seen from Mr. Aspinwall's letter that we are obliged to lay out these streets, and the Town must accept them before September 1 next, in order to be able to avail ourselves of his offer. But we need not build either them or the sewer under Brook street at present. Mr. Aspinwall at first advised us to take two years for the work.

We therefore advise the Town to postpone making any appropriations for the construction of these streets and sewer until the next annual meeting, when we can divide the expenses between the taxation of next year and the year after. Before that time we hope the Town will have adopted some system of sewer assessments by which we shall be able to collect considerable sums of money from those estates in Longwood which enjoy the benefit of the main sewer, which sums may be applied to reduce the amounts to be raised by taxation.

We offer the following votes for the consideration of the Town:—

(1.) *Voted*, That the three streets laid out by the Selectmen, July 10, 1878, as thus reported by them to the Town be, and the same are hereby accepted and allowed as town ways, and ordered to be recorded as laid out by them.

(2.) *Voted*, That the Town will build all three of said streets, and also a 7-feet sewer under Brook street, thus laid out and accepted substantially as such sewer is described in J. H. Shedd's letter, dated February 22, 1878, the letter being printed in the Selectmen's Report on the articles in the warrant for the last annual meeting.

(3.) *Voted*, That the sum of $6,305.60 is hereby appropriated and placed at the disposal of the Selectmen with which they may, in their discretion, pay the damages awarded by them to the owners of lands to be taken for the construction of said three streets, said sum to be paid out of any unexpended or unappropriated balances in the treasury.

BOSTON, May 20, 1878.

WM. I. BOWDITCH, Esq., *Chairman of Selectmen of Brookline:* —

DEAR SIR, — A sewer through Aspinwall avenue, to take all the water of excessive storms from the Aspinwall-brook District, should be at the same grade, and hence of the same size, as if located along the brook, that is, 7 feet in diameter.

I estimate the cost of such a sewer, from the middle of Harvard street to the main sewer, with an overflow and channel from it across the railroad to the brook, along the easterly side of the track also, including suitable manholes and catch basins, at $41,400.

Respectfully,

EDWARD SAWYER.

BOSTON, June 3, 1878.

To the Selectmen of Brookline: —

GENTLEMEN, — I have considered certain questions communicated by Mr. Bowditch, relative to the drainage of the Aspinwall-brook District, and I now report my answers.

1. Two sewers on the routes proposed, one 4 feet in diameter, and the other 6 feet 3½ inches in diameter, will carry the same amount of water as one sewer 7 feet in diameter, — the slope being 1 per 1,000 in each case.

2. I estimate the cost, at present prices, for a sewer 6 feet 4 inches in diameter, from the middle of Aspinwall avenue to the main sewer, through the proposed street, at $26,450, assuming the same conditions as mentioned by Shedd in his estimate, dated Feb. 22, 1878, for a 7-feet sewer of the same length and on the same line.

Respectfully,

EDWARD SAWYER.

Boston, June 10, 1878.

Wm. I. Bowditch, Esq., *Chairman of Selectmen, Brookline:* —

Dear Sir, — In answer to some inquiries about the drainage of the Aspinwall brook District, Shedd writes me, under date May 29, as follows: —

"On the whole I think it best to provide a 7-feet sewer now rather than to construct a smaller sewer, with the certainty that another must be built, and risk the overcharging that might occur meantime."

Respectfully,

EDWARD SAWYER.

Brookline, May 20, 1878.

Wm. I. Bowditch, Esq.: —

Dear Sir, — I will agree to do the work required in making the new streets from Aspinwall avenue to Boston & Albany Railroad, and from Perry street to the new street, for the following prices: —

For excavation, 25 cents per cubic yard.

" embankment, including furnishing material, 50 cents per cubic yard.

Respectfully,

JAMES DRISCOLL,
per M. D.

This bid is approximate only, and for the purpose of making an estimate as to probable cost. If an actual contract was to be made, somewhat lower figures might be given, but I will do the work for a sum not exceeding my estimate.

JAMES DRISCOLL,
by M. DRISCOLL.

For location of three sewer roads of June, 1878.

By James Driscoll's agreement:

4,000 cubic yards of excavation, at 25 cents . .	$1,000
17,000 " " " embankment and furnishing materials, at 50 cents	8,500
	$9,500

BROOKLINE, June 1, 1878.

To the Selectmen of Brookline: —

I, William Aspinwall, of Brookline, the owner of certain lands on and near Aspinwall avenue in Brookline, hereby agree with the Town of Brookline, that if the Selectmen of said Town shall lay out and report to the Town, and the Town shall accept, a town way from Aspinwall avenue to the Brookline Branch Railroad nearly upon the line of the Aspinwall brook, with an extension of said way to Aspinwall avenue, about one hundred and fifty feet from, and parallel with, said railroad, and an extension of said way to Aspinwall avenue opposite Perry street, and shall lay out and divert said brook for the purpose of sewerage, and report the same to the Town, and the Town shall accept and allow the same within ninety days from the date hereof; and if said selectmen shall award to me, as my damages for laying out said way or ways, and for diverting said brook, the sum of twenty-seven hundred dollars, and the town shall pay the same; and if the Selectmen shall award to the Emigrant Savings-Bank, or to me as the holder of a legal contract for the purchase of the estate of said bank, as damages for the laying out of said way or

ways, and for diverting said brook, the sum of twenty-three hundred and $\frac{80}{100}$ dollars ($2,300.80), and the Town shall pay the same; and if the Town shall within ninety days from the date hereof continue the covering of the sewer (either with wood or stone) east of and parallel with the Brookline Branch Railroad, laid out in 1869, so as to make a passage over the same wide enough for a carriage to pass over, then, and in such case, I will give to the Town a release in my own behalf, and in behalf of said bank, in full from all claims and demands growing out of, or in any way connected with, the construction of said three streets and the sewer under the street laid out along the brook, and also the following rights and releases, to wit: —

I. A right to support each and all of said three streets by sloping the banks on each side thereof on the adjoining land so far as owned by me or said bank, but expressly reserving to myself, and my heirs and assigns, the right to use such slopes for building or any other purposes that will not impair the security of the road-beds, and all rights incident to the fee of said land.

II. A right to construct and maintain a covered sewer not exceeding four feet in diameter, from Aspinwall avenue through my land, immediately adjoining and easterly of land of George E. Stedman, to the sewer to be laid near the line of the brook, or in lieu thereof to obtain, without expense to the Town, a right to construct and maintain a similar sewer through the land of said Stedman, opposite Toxteth street (the choice of said lines for the sewer to be with me); but no manholes, or catch-basins, or other openings, shall be constructed in said sewer, either on my land or said Stedman's.

III. To accept the awards made by the Selectmen in their report to the Town, dated Dec. 27, 1876, laying out a main sewer to Charles river, said awards being to Thomas Aspinwall's heirs or grantees for three parcels of land taken in two sums, one of seven hundred and twenty-nine dollars, "and the other of seventy dolllars," making a total sum awarded of seven hundred and

ninety-nine dollars; and upon payment to me of said sum to release the Town of Brookline from all claims for damages sustained by me as the owner of the lands late of said Thomas Aspinwall, deceased, caused by the laying out and construction of said sewer, whether by taking my property, diverting my water, or injuring my property in any manner whatsoever. And I agree to withdraw my application to the County Commissioners for a jury to assess my damages without costs against the Town.

IV. To release the Town from all claims for injury done to my property by heretofore using the brook flowing through my land for drainage or sewerage purposes, illegally and to my injury, as I claim the Town has done.

V. To release the town from all claims for injury done to my land by the illegal use of the dam and tide-gate, erected some years since across Muddy river at the Brookline-avenue bridge, as I claim the Town has done.

WM. ASPINWALL.

The roadway over the sewer above referred to may be built at the north-easterly end of the arch north-east of Aspinwall avenue, and need not be more than sixteen feet wide.

The change in location of Brook street, by which rather more of my land is now taken than was intended June 1, has been made with my concurrence, and shall not be held to vary or affect at all my agreement about damages, but I will give the land for the three streets, as now laid out, on the same terms as stated in my letter of June 1, 1878. The grade of Brook street being changed, and less gravel being taken from the Emigrant Savings-Bank lot, the damages on said lot are to be seventeen hundred and five dollars and sixty cents instead of twenty-three hundred dollars and eighty cents.

WM. ASPINWALL.

July 10, 1878.

ARTICLE III.

To see if the Town will make an appropriation to pay for engineering services about the lateral sewers reported at the last annual meeting, and the drainage of the districts along Aspinwall brook, School street, Thayer place, White place, and the corner of Cypress street and Walnut street, and for making book of plans to show all the entrances into the sewer, and for surveys for the proposed street by the new station.

We offer these votes: —

(1.) *Voted*, That the sum of $2,500, or so much thereof as may be necessary, is hereby appropriated, and placed at the disposal of the Selectmen, with which to pay for engineering services referred to in this article, said sum to be paid out of any unexpended or unappropriated balances in the treasury.

(2.) *Voted*, If the Selectmen shall find it to be either necessary or expedient, they are hereby authorized to borrow either or any of the sums of money appropriated at this meeting in such sum or sums, and at such rate of interest not exceeding five per centum per annum, as they shall deem expedient; and the Treasurer is hereby directed to sign all such notes in behalf of the Town whenever the same shall have been so approved by the Selectmen; but all sums so borrowed shall be in terms borrowed in anticipation of the taxes for next year, and all sums thus borrowed are hereby expressly declared to be made payable from the taxes to be assessed next year. The interest which shall accrue on such notes (if any) before the next annual meeting shall be paid out of any unexpended or unappropriated balances in the treasury.

ARTICLE IV.

To see if the Town will authorize the City of Boston to use our main sewer and the lateral sewer in Brookline avenue and Washington street.

The City desires to use our sewer, and, of course, is ready to give us an equivalent for such use, and it is manifestly for our interest to allow them to share our burdens as far as possible.

If the Committee on Sewer Assessments, appointed at the annual meeting in 1877, had been able to advise us what assessment our own citizens ought to pay for the right to use the sewer; and if the committee on the subject of the new channel for Muddy river, appointed at the last meeting, had been able to report to us some scheme for this new channel, upon which both Town and City could unite, we should feel better able to frame a vote for your consideration.

As it is, we offer the following: —

Voted, That the Selectmen be, and they hereby are, authorized to allow the City of Boston to use our main sewer, and the lateral sewer in Brookline avenue and Washington street, upon such terms as may seem then reasonable. But such agreement shall not be binding on the Town for more than one year from this date, unless actually reported to and approved by the Town.

REPORT OF THE SELECTMEN

UPON THE

Articles in the Warrant

FOR THE

BROOKLINE PUBLIC

TOWN MEETING,

TO BE HELD

OCTOBER 10, 1878.

BROOKLINE:
PRINTED AT THE CHRONICLE BOOK AND JOB OFFICE.
1878.

REPORT.

ARTICLE II.

To see if the Town will build one or more of the streets laid out and accepted by the Town, July 17, 1878, during the present year.

This and the next article are inserted at the request of Felix Johnson, Patrick Hickey, and fifteen others.

We think it is too late to build Brook Street, as under this street the large sewer is to be laid; a whole season had better be taken for the work. There is, however, no objection to building the extension of Perry Street, and the short street north of the railroad, and their construction this autumn will facilitate, in some degree, the completion of the sewer and Brook Street. The original estimate of the cost of building these two streets was $2,900: we think it can be done for less money.

We offer for consideration the following vote:

Voted, That the Selectmen are hereby authorized to build the extension of Perry Street and the short street just north of the railroad,—being two of the streets accepted by the Town, July 17, last; and to provide funds with which to pay the expense of such construction, they are hereby authorized to borrow such sum as they may deem necessary, not exceeding the sum of $2,900, and at not a higher rate of interest than five per cent. per annum; such sum to be paid out of the taxes to be assessed next year; and the Treasurer is hereby directed to sign a note or notes for this amount when requested to do so by the Selectmen.

ARTICLE III.

To see if the Town will examine the cause of the alleged impurity of the water supplied from Charles River.

On this article the Water Board report: That they are aware, from their own observation, as well as from numerous complaints received from the takers of water, that it is not as pure as it should be, and they have been constantly at work all the summer, trying to remedy the trouble by having the water passed through fine wire screens, and by frequent flushing of the mains. They have put in two new gates—one immediately adjacent to the engine house, so that the impure water could be discharged on its leaving the pumps and before it enters the force main; another in the sixteen inch main near the Newton Street school-house, that being the lowest point between the stand-pipe and reservoir—and though a large amount of foul and impure matter is thus got rid of, they have not succeeded to their satisfaction. They have, also, acting on suggestions received, forced through the conduit, by ropes attached, a wooden disk, as large as could be passed, to scrape off any accumulation of fungus or foul matter that might have gathered on the inside. It has been evident for a long time that there has been a leakage in the conduit, from the facts that the water in the filtering gallery was, to all appearances, perfectly pure, while by examining the conduit at the different manholds, it was found that the sediment increased rapidly as the pumping station was neared; then again, it was observed along the line of the conduit where, when the pumps were not working, pools of water stood,

they would disappear in a few hours after the pumps were started. It was also found, that by filling the pump-well some four feet above the line of the conduit and opening the gate, allowing the water to pass back into the conduit, a very marked effect took place in the water lying on the surface of the ground above the line of the conduit, causing it to bubble up and become agitated. The Water Board, therefore, deemed it advisable to partially uncover the conduit and make an examination, to see if there was any practicable way of repairing the leaks. Upon opening the conduit for some hundred feet in different sections, there could be seen no evidence of any settlement along the line, nor any large leaks in any one locality; but it was found that the water forced itself in or out in numberless places in the joints of the planks of which the conduit is composed.

Another complaint concerning the water supplied is, that often it both smells and tastes bad, though in appearance it is clear. It is noticed that when the water is passing directly from the pumps into the street mains that, though the water may contain sediment, it is free from taste or smell; but when the pumps are not working, and the supply is flowing from the reservoir, the water is often offensive. This, the Water Board think, could be remedied in part, at least, by having the inlet pipe carried around the reservoir, and discharge on the opposite side from the outlet. At present the inlet and outlet are in close proximity to each other, and the main body of water in the reservoir, having no circulation, quickly becomes bad, hastened by the sediment and fungus, pumped into it from the conduit.

As to the most judicious way of overcoming the difficulty and delivering pure water, the Board do not feel justified in recommending any particular way at present, as the season is so near its close, and it would be impossible to make any large repairs or alterations before the meadows would be likely to be flooded, and they would advise that the subject be referred back to the Water Board to examine into more fully, and report at the March meeting of 1879, and in the meantime the Board will use their best endeavors to deliver the water as pure as possible.

We offer this vote for consideration:

Voted, That the subject matter of this article be referred back to the Water Board, with a request that they report at the next Annual Meeting the full extent of the difficulty, the best way to remedy it, and the cost of doing it.

ARTICLE IV.

To see if the Town will establish another class in the Lawrence School.

The following letter from the Chairman of the School Committee explains the reasons for this article.

"LONGWOOD, Sept. 11, 1878.

William I. Bowditch, Esq.,

DEAR SIR:— * * * * Will you please cause to be inserted in the Warrant an article: To see if the Town will appropriate $300, to defray the expense of establishing another class in the Lawrence School.

The facts are these. It has been the practice to promote the 4th class from this school to the Pierce 3d class. This year there were eighteen pupils to be

promoted. Less than one-half only could be accomodated in the room of the Pierce School. The class would therefore have to be divided, to the detriment of the school. The parents were very anxious to have the school established in the upper room of the Lawrence School, and offered to contribute towards the expense. The Board of School Committee felt it could not spare the funds. Twelve persons subscribed, or rather, agreed to pay $40 per annum each. The Board then established the school. A few have not subscribed, and feel that the Town should provide a school there. I am of the same opinion. If the article is inserted in the warrant, the parties interested can state their case at the meeting and abide the result. The Committee would then be relieved of the responsibility.

If the Town does not desire to appropriate the money, there is an appropriation of $500 for an Evening School, which, in my opinion, will not be required, and a portion of this could be transferred. ***

Yours Respectfully,

WM. H. LINCOLN, Chairman."

We offer the following vote:

Voted, That the School Committee are hereby authorized to establish a class in the Lawrence School, to be composed of those scholars in the district who are fitted to enter the third class in the Pierce School, and the sum of $300 is hereby diverted from the appropriation of $500, made for an Evening School at the last annual meeting, and the same is hereby appropriated for the purpose of defraying the expenses of this new class.

ARTICLE V.

To see if the Town will aid in building a brick sidewalk along the Blake estate, on Washington Street.

Mr. Blake bought the present edgestones, and paid for the original setting of them. When the street was afterwards widened the Town reset them at its expense. The cost of a brick sidewalk will be about $400.

We offer this vote for your consideration:

Voted, That the Selectmen be authorized to pay one-half the cost of a brick sidewalk along the Blake estate, on Washington Street, provided the same shall not exceed the sum of $200, and the balance of the appropriation made at the annual meeting for an evening school, ($200), is hereby diverted from that purpose and appropriated for the purpose of paying one-half the cost of this sidewalk.

ARTICLE VI.

To bring in their ballots on the question whether the Town favors, or is opposed to the petition of John W. Candler, dated July 22, 1878, wherein he calls upon the County Commissioners to lay out as a Town road the extension of Kent Street across Aspinwall Avenue, and through Harrison Place to Harvard Square, and also, to lay out a Town road from Harrison Place to the new station: those who favor Mr. Candler's petition to vote yes, and those who oppose it to vote no.

The following is a copy of the petition:

To the Honorable County Commissioners for the County of Norfolk:

Respectfully represent the undersigned, inhabitant and legal voter of the town of Brookline, in said County, that the Selectmen of said Town, on and before the first day of February, 1878, did, and thereafter to this date, have unreasonably neglected and refused to lay out a certain town-way in said Town, to wit: one which would extend from the southerly ter-

minus of the town-way known as Kent Street, in a direction parallel with the Brookline Branch Railroad, to the easterly terminus of the private way, known as Harrison Place, and along this private way to Harvard Square, so called, and also from this private way to the Brookline railroad station; said Selectmen having been requested in writing by numerous inhabitants of said town, including the undersigned, to lay out said way or ways by petitions, to wit: a petition signed by Augustus Whittemore and twelve others, presented May 14, 1877, and a petition signed by John W. Candler and one hundred and thirty-eight others, presented June 25th, in the same year. Wherefore the undersigned, being aggrieved by said neglect and refusal, respectfully request your honorable board to cause such way to be laid out, to ascertain its place and course, and to estimate the damages thereof, and to prescribe the manner in which, and the time within which said way shall be made and completed.

JOHN W. CANDLER.

Brookline, July 22, 1878.

If the Selectmen unreasonably refuse or neglect to lay out a town way, any person who is aggrieved may apply to the County Commissioners, and if they are satisfied that there has been such refusal or neglect they may compel the town to build the road. (General Stat. Ch. 43, Sec. 67.) By this proceeding, therefore, Mr. Candler seeks to compel the Town to build two town roads, whether we want them or not.

A case similar to this has occurred in Belchertown where the County Commissioners were called upon to lay out a Town road. They adjudicated "that common convenience and necessity required the prayer of the petition to be granted." But the Supreme Court

decided that their laying out the road was illegal. The Court said: (11 Cush. 190.) "The authority of the County Commissioners to proceed to lay out such way arises wholly from their finding the fact to be true that the Selectmen have unreasonably refused or neglected to lay out such way. It is not enough that in their view the common convenience of the public generally, or the common convenience of the inhabitants of Belchertown required it. All this might be true, and yet no unreasonable refusal on the part of the Selectmen have taken place."

The subject of the extension of Kent street came before a previous Board of Selectmen a few years since. On examination they thought the amount of public convenience to be secured by the road did not justify the Town in incurring the expense.

When these petitions were presented to last year's Board, we agreed with our predecessors in opinion. Nevertheless, thinking it possible that we might receive from the parties interested a plan of a route, some favorable estimates of the cost of construction, and a waiver of land damages, or some reliable statement as to land damages, which might serve to change our views, we had an informal hearing. We, however, got no satisfaction or offers as to either of these things. Now the Supreme Court has decided that we cannot legally issue a notice for a formal hearing under the Statute unless we really intend to lay out the way petitioned for, (121 Mass., 133). We therefore issued no such notice, because, in the absence of all evidence to the contrary, we felt compelled to come to the same conclusion as our predecessors,—that the road was not called for by any public necessity.

We have, however, always been ready to receive any such statements or evidence from Mr. Candler, or, indeed from any one else, but none such have ever been offered to us.

No one knows better than he the great indebtedness of the Town, and the high rate of our taxation. No one has been more outspoken than he in town meetings, in declaring the pressing need of economy in every branch of town service. Our debt is already beyond the legal limit of prudent indebtedness. In view of this fact, and the certainty that the Town cannot possibly avoid the expenditure of large sums of money for sewerage purposes each and every year for many years to come,—all of which ought, as far as possible, to be paid out of our yearly taxation,—the Selectmen and the Town have endeavored to avoid every unnecessary expense for several years past.

We have, accordingly, only laid out that part of the extension of Kent Street as prayed for that comes within the limits of the short street leading from Aspinwall Avenue to Brook Street, just north of the railroad. This has seemed to us to be all that the circumstances or the wants of the town justified us in laying out. Even this we should not have done had it not been necessary, in order to enable us to build the main sewer along Aspinwall brook in a satisfactory manner. We cannot too strongly impress upon the Town the importance of postponing every possible expense not absolutely needed for good government, until we have got through with the principal expenses connected with the introduction of water and the building of sewers. These matters have relation to health, and

cannot be postponed; but all matters of mere convenience, like a little shortening of the distance into the city or to the post office, may safely be postponed for years to come.

The most expensive part of the proposed Kent Street extension is north of Aspinwall Avenue. It runs over a boggy meadow similar, though not perhaps so bad as that over which Beacon Street was laid out through the Stearns estate, like that over which part of St. Paul Street has recently been built, and is a part of the same meadow over which our main sewer was constructed last year with so much labor.

We had the greatest difficulty in getting a foundation for our sewer over this marsh, although we built along the railroad track, and had therefore the benefit of the filling and settling for so many years of the railroad bed. We were obliged to drive piles and make use of iron bands, in order to get a foundation. But the mud and gravel with which we sought to protect the sewer from frost begun to settle before the work was completed. The Town has spent large sums of money, and at several times, for grading up Beacon Street over Stearns' meadow, and it has, without doubt, several similar bills of expense in prospect, in reference to St. Paul Street, which has already settled in one place a little more than two feet. Was it, then, an unreasonable thing for us to refuse to extend Kent Street over this meadow, at great original expense, and with the probability, almost certainty, staring us in the face of a constantly recurring bill of expense? It seems to us a very great responsibility for any single citizen, however eminent he may be, to seek to compel the

Town to incur this wholly unnecessary expense. If he was dissatisfied with our action why did he not bring the matter before the Town, as he could have done easily enough in various ways? If the Town really favored it, it would choose a Board of Selectmen to carry out its wishes.

In reference to the latter part of the road petitioned for by Mr. Candler, we have all along admitted its importance, and been ready and willing to co-operate with the railroad corporation and the parties interested in every reasonable way. But until this year, the corporation has not known what its wants really were, either in reference to the access to the station or access to its freight tracks for business purposes. In 1877 the corporation did not wish a road running further east than the Church lot; now it wishes it to be two hundred and forty feet longer, and will not be satisfied with one foot less. Then it wanted a road thirty feet wide and without any branch leading to Harrison Place; now it wishes a road forty feet wide throughout, and running up to Harrison Place, and will not be satisfied without the exit on Harrison Place. In 1877 the owners of the church set what was thought too high a value on their land; now they are quite reasonable.

The great reason, however, why we could not prudently do anything in 1877 was that until the plans for the new station were completed and its position determined upon this year, the corporation did not really know what it wanted us to do.

In April, 1878, we had a plan made by Mr. French of a street forty feet wide running from Harvard

Square along the north side of the new station over lands of Panter, the corporation, the church, and Messrs. Hand and Twichell to Harrison Place. New negotiations were had by Mr. Edgerly, as a sub-committee of our Board, with the land owners, and we got liberal terms from most of them. Still another plan was made by Aspinwall and Lincoln June 10, 1878, and in July they made a finished plan and profile of the proposed street, which we intended to present to the Town. The only point left uncertain, so far as the route was concerned, was whether the road should run north along the line of Mr. Edgerly's land so as to give him a frontage upon it, or whether it should go over the west side of Mr. Twichell's lot. The Town having adopted the betterment law, we were able to deal with the land owners better than we could possibly have done last year, and they were also more reasonable and liberal.

On the 2d of July last we issued a legal notice to the corporation and the parties interested that we intended to meet July 10th to lay out this road. On this latter day we hoped to sign and file the location in the Clerk's office so as to be able to act upon the matter at the Town meeting to be held July 17th. Accordingly we actually began to prepare the record of the location so as to have everything in readiness for signature on the morning of the 10th, but when the description of the lands taken was brought in to us (July 8th) to be incorporated in the location, the quantities of land described as taken differed more or less in every single instance from the quantities at first stated, and on the basis of which our negotiations had

been had with the various land owners. There was not time enough remaining then to enable us to settle where the mistake really was or what these differences really amounted to, and also to have the location ready for signature on the 10th of July. We therefore thought it would be better to postpone the further consideration of the subject till September, especially as one of our number might be personally interested in the location of the street, if we laid the street along his land. If we had not thus postponed it, we should have been obliged to call another and special town meeting to act on this road, in the latter part of July, when no one likes to attend town meeting, and when many citizens are away from town.

These mistakes and considerations coming only a day or two before July 10 were therefore really the cause why this road was not reported to the Town July 17. It has not been owing, in any degree, to our unreasonable neglect or refusal to act, for all along, and from the very start, we have honestly endeavored to do everything in our power to advance this improvement, and had it not been for this proceeding on the part of Mr. Candler, we think we should have been able, before this time, to have reported to the Town a road which would be satisfactory to the Town, the corporation and the parties interested.

We say, therefore, that we have not unreasonably neglected or refused to do our duty in reference to this part of the road prior to February first, as Mr. Candler alleges, because prior to that time the corporation did not really know what it wanted, or the public needed, and if we had laid out the road as then

talked of we should manifestly have made a great mistake. Nor have we unreasonably neglected or refused to do our duty since then, but on the contrary, we have diligently tried to do it, and only failed to finish the location at the last minute, in consequence of mistakes made by other parties, too late to be rectified in season for us to act on the road at the town meeting in July.

We hope, therefore, that the Town will by a very decided vote of "No" express the opinion that the Selectmen have neither unreasonably neglected nor refused to do their duty, in reference to either branch of this road. The Selectmen and the Town together are fully competent to determine any mere matter of town policy, like the laying out of this road, without the necessity for calling in outside parties to compel us to do what is for our interest to do. We have no belief that the County Commissioners will compel the Town to expend many thousands of dollars which can so very properly be saved, or that they will decide that we have unreasonably neglected to lay out that part of the road which leads to the station.

REPORT OF THE AUDITORS

OF THE

TOWN OF BROOKLINE

FOR THE YEAR

ENDING JANUARY 31, 1879.

BROOKLINE CHRONICLE PRESS.
1879.

ANNUAL REPORT.

The Auditors chosen at the special town meeting, February 11, 1879, to examine the accounts for the financial year, 1878–9, respectfully report that they have carefully examined the Treasurer's accounts and have found them correct, properly cast and with proper vouchers and warrants. In view of the severe criticisms to which our Treasurer has been subjected during the past two years we think it but right to say that a marked improvement has undoubtedly been made in the method of keeping the town's accounts. The books were well started at the beginning of the year under the guidance of Mr. Prescott, and a fairly successful effort has been made to keep them in accordance with the views expressed in the Auditors' report of last year.

The examination of the books shows that there has been received from collection of taxes and miscellaneous sources, $409,798.22, which with $50,345.62, amount on hand at the beginning of the financial year, gives a total of $460,143.84. The payments have been $434,245.75. The balance of cash on hand called for by the books is represented by,

Cash in National Market Bank of Brighton,	$21,374 99
Cash in Third National Bank of Boston,	2,784 90
Pay-rolls for February,	900 86
Vouchers and cash in drawer,	837 34
Total,	$25,898 09

At the beginning of the financial year the unpaid taxes for the past six years were:

	For 1872.	For 1873.	For 1874.	For 1875.	For 1876.	For 1877.	For 1878.
	$132.73	$656.65	$696.05	$478.80	$5,482.28	$17,305.75	
Received during year.			2.00	112.92	4,551.88	9,878.50	
Leaving unpaid at end of year.	$132.73	$656.65	$694.05	$365.88	$930.40	$7,427.25	$14,058.59

During the past year notes of the town have been paid to the amount of $29,000. By vote of the town July 17th, $5,000 was borrowed for one year; so that the town debt now stands at $1,444,350. The amount of the Sinking Fund is $136,000, which deducted, leaves the net debt of $1,308,350.

Notes of the town mature during the coming year as follows:

To Richardson, Hill & Co., due July 17, 1879,	$5,000 00
State Mutual Life Assurance Co., due Aug. 15, 1879,	5,000 00
Hopkinton Savings Bank, due Aug. 17, 1879,	5,000 00
Mrs. R. Lewis, due Aug. 17, 1879,	4,000 00
Cape Ann Savings Bank, due Aug. 19, 1879,	25,000 00
Commonwealth of Massachusetts, due Oct. 15, 1879,	16,000 00
Total,	$60,000 00

The Treasurer's accounts with the Trustees of the Walnut Hills Cemetery and of the Warren Tree Fund have also been examined by us and found to be correct and as reported by him.

In comparing the reports of the Water Registrar and Town Treasurer it must be borne in mind, as was pointed out by the Auditors of last year, that the financial year of the town is from February 1 to January 31, inclusive, while that of the Water Board is from January 1 to December 31, inclusive.

A comparison of the receipts from Water Rates with the expenses of the maintenance of the Water Works and items charged directly to the Water Rates will show that the revenue from the Water Rates is now more than enough to pay all the cost of maintaining the works and the incidental expenses of the Water Board, so that practically no money is raised by taxation for these purposes.

We have also examined the accounts and securities of the Commissioners of the Sinking Fund and find them as stated in the report of the Treasurer.

In 1874 the town adopted the following By-Law: "No member of the Board of Selectmen or any officer appointed by the legal voters of the town, authorized to make any contract or agreement in behalf of the town for labor, materials, goods, wares, or merchandise furnished to the town, or for a loan of money, shall be interested in a private capacity, either directly or indirectly in such contract, agreement or loan; nor shall either, directly or indirectly, for himself or for any other person receive any commission, discount, bonus, present or reward from the persons making such sale, loan, contract or agreement, or furnishing such materials, goods, wares and merchandise."

From the Treasurer's report it will be seen that this By-Law has been practically disregarded, although still supposed to be in force. The warrants or orders on the Treasurer are signed by a majority of the Selectmen; but in several cases we found one of the majority to be a member directly interested in the contract, for the payment of which the order was drawn; a practice certainly not to be commended, and to which we think the attention of the town ought to be called.

The following table gives the recommendations for appropriations for the coming year, and the expenditures for the same accounts the previous year:

OBJECT OF APPROPRIATION.	Appro'tion Recommended	Expended Last Year.
Abatement of Taxes	$5,000 00	$2.217 62
Assessors, including Clerk hire	2,000 00	2,000 00
Auditors	150 00	
Cemetery, old	200 00	171 00
Cemetery, Walnut Hills, Clerk of Trustees	150 00	150 00
Clerk of Selectmen and Overseers of the Poor	350 00	350 00
Construction of Brook Street and sewer, and the two short streets, and 600 feet 12-inch sewer in Aspinwall Avenue	41,775 50	
Contingencies	8,000 00	6,662 39
Decoration Day	300 00	300 00
Evening School	200 00	154 50
*Fire Department, and watering streets in two districts and care of two police horses	7,000 00	5,465 29
New hose carriage	600 00	
New hose, 1,000 feet	1,000 00	
Four hydrants on Boylston Street	350 00	
Health Department	1,000 00	999 39
Highways	14,000 00	†15,331 10
Highways, removing snow from sidewalks	2,000 00	
Interest on Town Debt	92,250 00	94,036 53
Library	4,000 00	4,000 00
Library, Librarian's salary	1,200 00	1,200 00
Lighting Streets	11,000 00	10,820 19
Overseers of Poor	1,000 00	857 12
Poor, support of	0,000 00	6,009 05
*Police	13,000 00	12,932 21
Plans for construction of sewer system for the town	1,500 00	
Repairs of town buildings	1,800 00	‡891 71
Ringing Bell	175 00	165 00
Raising St. Paul Street to grade	400 00	
*Schools	§36,000 00	‖36,144 32
Schools, ventilation of	1,000 00	
School buildings, improvement of	1,100 00	
Selectmen	2,000 00	1,600 00
Sewers, care of	2,500 00	1,613 97
Sidewalks, especially Boylston, Brighton, Beacon, Winchester, Dudley and Warren Streets	2,750 00	1,511 64
Sidewalks, repairing plank walks	500 00	
Sidewalks, repairing concrete walks	750 00	
Sinking Fund	63,600 00	58,600 00
Soldiers, Disabled, and Families of Deceased	500 00	134 00
State Aid	800 00	620 00
Superintendent of Streets	1,200 00	1,200 00
Tax, County		23,433 49
Tax, State		15,810 00
Town Clerk	450 00	450 00
*Town Hall, lighting and care of, and Janitor	2,000 00	1,992 53
Treasurer and Collector	2,000 00	2,000 00
Water Works, extension of	2,500 00	9,314 99
Water Works, additional boiler at pumping station	2,000 00	
Water Works, maintenance of	7,000 00	7,212 43
*Watering Streets	4,000 00	4,994 17

*Exclusive of water. †Including removing snow from sidewalks.
‡Exclusive of interior repairs on schools. §Exclusive of interior repairs.
‖Inclusive of interior repairs.

The expenditures on account of Schools and of Sidewalks, have exceeded the appropriations therefor — the former $530.32 and the latter $11.64.

We have reduced the appropriations for Highways, Removing snow from sidewalks, Lighting Streets and for Care of Town Hall, from the estimates of the Selectmen, to about what they were last year, thinking that the amounts we have recommended should be sufficient in view of the urgent need of retrenchment in the expenditures of the town.

ALBERT L. LINCOLN, Jr.,
HORACE D. CHAPIN,
WILLIAM D. COOLIDGE,
} *Auditors.*

20254

REPORT OF THE COMMITTEE

APPOINTED TO

REVISE THE BY-LAWS

OF THE

TOWN OF BROOKLINE.



BROOKLINE:
PRESS OF T. R. MARVIN & SON,
1878.

BROOKLINE PUBLIC LIBRARY.

REPORT.

The committee appointed to revise the by-laws of the town have attended to that duty, and submit their report to the town. The committee have re-arranged the by-laws, and, in many instances, re-drafted them. They have not felt authorized, however, to omit from the draft herewith submitted any provisions of the existing by-laws, except when they seemed to conflict with by-laws passed subsequently. The committee have prepared by-laws upon the subjects of the discharge of fire-arms and driving of cattle, to which their attention was called by citizens of the town, and have incorporated them with the others.

With these exceptions, the committee believe that the draft submitted embraces only the provisions of the existing by-laws.

The committee append a draft of by-laws relating to the accounts of the treasurer, in pursuance of the instructions of the town, referring a proposed code of by-laws on that subject to this committee. In explanation of the changes which they have made in their draft from that submitted by the auditors, they have to say,—

1st. The clause concerning the appropriation for the treasurer's salary seems to be out of place in a by-law, and unnecessary.

2d. The clause respecting the notification of balances of appropriations seems not germane to the remainder

of the recommendation of the auditors, and therefore appropriate for a separate by-law. The committee have, therefore, reported it separately.

3d. It seemed to the committee doubtful whether the recommendation of the auditors, providing a penalty in the event of the treasurer's not complying with their instructions, was in accordance with law; and they are quite clear that the recommendation is an inexpedient one to adopt. They have, therefore, omitted it from their draft. The committee append the draft as originally proposed by the auditors.

CHARLES H. DREW,
THOMAS H. TALBOT,
MOSES WILLIAMS, JR. } *Committee.*

PROPOSED BY-LAWS

OF THE

TOWN OF BROOKLINE.

I.—THE CALLING OF TOWN MEETINGS.

SECT. 1. The Selectmen, whenever it is possible, shall, before calling any town meeting, post notices of their intention so to do, in at least ten places in the town, at least fifteen days before the time of such meeting.

II.—TAXES.

SECT. 2. All taxes shall be assessed according to law, and the tax-bills shall be delivered as soon as the assessment is completed.

SECT. 3. All taxes shall be paid on or before the first day of October in each year, unless otherwise ordered by the Town. Except bills for Poll Taxes only, which shall be paid on presentation thereof.

SECT. 4. The Assessors shall keep a record of all abatements of taxes, the names of the parties taxed, and the reasons for, and amounts of, abatement.

SECT. 5. In all cases where tax-bills are not paid at the time specified in the second section, it shall be the duty of the collector forthwith to issue a summons to each delinquent; and, if such delinquent do not pay the amount of his tax

within ten days after the issuing of the summons, with twenty cents more for the summons, the collector shall issue his warrant to an officer, who shall forthwith proceed to collect the amount due, in manner provided by law. Twelve per cent interest shall be charged on all tax-bills from the time they respectively become due until paid, unless otherwise determined by the town.

III.—CONVEYANCES OF TOWN PROPERTY.

SECT. 6. The Town Clerk, under the direction of the Selectmen, shall have the custody of the Town Seal.

SECT. 7. All conveyances under seal, which may hereafter be executed on behalf of the Town, pursuant to a vote of the Town or otherwise, shall be sealed with such seal, and subscribed by the whole Board of Selectmen for the time being.

SECT. 8. The Town Clerk shall keep a true copy (in a book to be kept for such purpose alone) of all deeds, or other instruments executed by the Selectmen, in accordance with the provisions of this By-law.

IV.—CONTRACTS BY TOWN OFFICERS.

SECT. 9. No member of the Board of Selectmen or any Officer appointed by the legal voters of the town, authorized to make any contract or agreement in behalf of the town for labor, materials, goods, wares or merchandise furnished to the town, or for a loan of money, shall be interested in a private capacity, either directly or indirectly, in such contract, agreement or loan; nor shall either directly or indirectly for himself or for any other person, receive any commission, discount, bonus, present or reward from the persons making such sale, loan, contract or agreement, or furnishing such materials, goods, wares and merchandise.

SECT. 10. All calls for contracts shall be advertised in not less than two Boston daily newspapers, and shall have not less than three insertions in each, at intervals of two days; the last publication to be at least two days before the day of opening the bids.

SECT. 11. The advertisement shall require each proposal to be sealed, the name of the bidder to be in a separate envelope, properly designated, and shall announce the place, day and hour at which they will be opened. The bids as received shall be deposited in a box securely locked, and at the time and place named shall be publicly opened in the presence of a majority of the Board of Selectmen, or Committee authorized by the town to make the contract. No bids shall be deposited after the time advertised for opening.

V.—CONSTRUCTION OF TOWN-WAYS.

SECT. 12. Whenever any way shall have been laid out or altered by the Selectmen, and accepted and allowed by the town, no entry for the purpose of constructing any part of such laying out or alteration shall be made, until all claims for damages by reason thereof shall have been finally adjusted or determined; unless such entry shall be authorized by special vote of the town.

VI.—APPROPRIATIONS.

SECT. 13. It shall be the duty of the Selectmen to prepare and print in the Annual Town Report a table of estimates of all the regular appropriations proposed to be made at the annual meeting. In order that they may make such a table, each Board or Standing Committee shall make out an estimate for each respective regular appropriation needed, and cause the same to be handed to the Selectmen, in writing, in season for such publication, with the reasons therefor.

SECT. 14. Any Board or Standing Committee or Officer of the town, or any person or persons intending to ask an appropriation at any meeting of the town, other than the regular annual appropriations before named, shall file a written notice in the office of the Town Clerk of such intention, at least ten days before such meeting, stating the object and sum of the appropriation intended to be asked. The Town Clerk

shall thereupon record such notice, and inform the Selectmen thereof. It shall thereupon be the duty of the Selectmen to examine into the subject and be prepared to inform the town thereon.

SECT. 15. If the sum of the appropriation so proposed to be asked shall exceed one thousand dollars, a statement of the proposition shall be printed and circulated with the warrant for the meeting, or at least four days before such meeting.

Provided, that an appropriation may be asked, without such notice, at any meeting of the town, but in the absence of such previous notice, the subject shall not be acted upon except at an adjournment of said meeting, or at another meeting; in either case not less than one week from the date thereof, and during said interim the Selectmen shall cause a printed notice of the sum and object of said proposed appropriation to be distributed among the voters, at least three days before such adjourned or other meeting, and shall also fully inform themselves upon the subject, and report thereon when it comes before the town for action.

VII.—REPORTS.

SECT. 16. The Town Clerk shall make an annual report upon the vital statistics of the town.

SECT. 17. The Selectmen, acting in their function of a Board of Health, shall report such statistics, recommendations and suggestions, as they shall deem suitable, in order to give to the town full information upon the subject of the public health and sanitary welfare of the inhabitants of the town.

SECT. 18. The Selectmen shall, in their annual report, state in detail what action they have taken in the year preceding, whether as Selectmen, Overseers of the Poor, Surveyors of Highways or Board of Health. In regard to town-ways, county-ways and sewers, they shall state specifically what have been laid out and constructed, what have been altered, what damages have been assessed and paid; what claims are outstanding, and what claims are in suit against

the town. They shall also state what ways or sewers that have been ordered, laid out or accepted, remain to be constructed. They shall especially give full reports in regard to all suits against the town, by or with all the circumstances relating thereto.

SECT. 19. The Selectmen shall, on the first day of each month, cause an exhibit to be prepared of the sum and object of each appropriation made by the town, the amount of the warrants drawn against the same, and the balance unexpended. Said exhibit shall be recorded in a book kept for the purpose, subject to the inspection of the citizens.

SECT. 20. In his annual report, the Treasurer shall state specifically the objects for which the debt of the town was increased during the year preceding, and recite the votes under which the money was borrowed; and shall render a classified statement of all expenditures and receipts of the town in such detail as to give a fair and full exhibit of the objects and methods of all expenditures. He shall also state the amount of money received from other sources than taxation by the town; and the expenditures and town debt for each year since the year 1847, including the year last ended.

SECT. 21. The Assessors shall append to their annual report, a table of the valuation, real, personal and total, the rate of taxation, and the amount of money raised.

SECT. 22. The School Committee shall append to their annual report a statement of the total number of children who have attended the public schools during the year.

SECT. 23. The Trustees of the Public Library shall append to their annual report an account of the amounts received and of the sum and object of their expenditures for the support of the Town Library during the year preceding.

SECT. 24. All Boards, Standing Committees and Officers of the town shall cause records of their doings and accounts to be kept in suitable books. Said books shall be kept in their respective places in the Town Hall, and shall not be removed therefrom. Said record books shall be open to the inspection of the citizens of the town during business hours

on every day, but shall remain during such inspection under the supervision of the Board, Committee or Officer designated to keep charge thereof.

SECT. 25. All Boards, Standing Committees, Special Committees or Officers of the town having the charge of the expenditure of money, shall annually report thereon in print in such manner as to give the citizens a fair and full understanding of the objects and methods of such expenditures, referring, however, to the report of the Treasurer for specific details.

SECT. 26. All reports intended to be presented or proposed to be acted upon at the annual meeting of the town, shall be made on or before February 15th, in each year, and shall thereupon be printed, and shall be distributed at least four days before said meeting.

SECT. 27. The Town Clerk shall have charge of printing and make a full index to the reports.

VIII.—PUBLIC WAYS.

SECT. 28. All persons intending to erect, repair, or take down any building, on land abutting on any way which this Town is obliged to keep in repair, and who desire to make use of any portion of said way for the purpose of placing thereon building materials or rubbish, shall, ten days at least before so placing any building materials or rubbish, give notice in writing, to the Selectmen of such wish. And thereupon the Selectmen may grant a permit to occupy such a portion of said way to be used for such purpose, as in their judgment the necessity of the case demands and the security of the public allows; such permit in no case to be in force longer than ninety days, and to be on such conditions as the Selectmen may require; and especially, in every case, upon condition that during the whole of every night, from twilight in the evening until sunrise in the morning, lighted lanterns shall be so placed as effectually to secure all travelers from liability to come in contact with such building materials or rubbish.

Sect. 29. Whoever shall use any portion of any way which the Town of Brookline is obliged to keep in repair, without the permit, in writing, of the Selectmen, as above provided, or having obtained such permit, shall fail to comply with the conditions thereof, shall forfeit and pay into the Town Treasury ten dollars for each offence, and shall also re-imburse the Town for all expenses by way of damages or otherwise, which the town may be compelled to pay by reason of the way being encumbered.

Sect. 30. Whoever shall move, or assist in moving, any building, more than ten feet high, over any way in this Town, which this Town is obliged to keep in repair, without the written permit of the Selectmen being first obtained, or, having obtained such permit, shall not comply with the restrictions and provisions thereof, shall forfeit and pay into the Town Treasury, for every such offence, twenty dollars.

Sect. 31. In case any building shall be moved contrary to the provisions of the third section, the owner of the building shall re-imburse the Town for all expenses by way of damages or otherwise, which the Town may be compelled to pay by reason of the way being encumbered.

Sect. 32. Whoever shall coast upon a sled in any of the streets, or upon any of the sidewalks in this Town, shall forfeit and pay into the Town Treasury, for each offence, a sum not less than one dollar, and not more than five dollars.

Sect. 33. Whoever shall drive, or take charge of, at the same time, in any of the public ways of the Town, two or more vehicles, drawn by horses or other beasts, or shall allow any vehicle belonging to him to be driven in the public ways of the Town, without some competent person in charge thereof, shall forfeit and pay for each offence the sum of five dollars.

Sect. 34. No person shall drive cattle in droves of more than six, through any of the streets of the town, without first obtaining a license from the selectmen so to do.

Sect. 35. Whoever having charge of any beast, shall suffer or permit any such beast to run, gallop, trot, pace, or go, at any rate exceeding eight miles to the hour, through any way, avenue or street in this Town, shall forfeit and pay not less

than five dollars, nor more than twenty dollars for each offence, to be paid into the Treasury of the Town.

SECT. 36. Whoever shall suffer horses, or grazing beasts, or swine, to run at large in this Town, or to feed by the road-side, either with or without a keeper, shall forfeit and pay into the Town Treasury five dollars for every such offence.

SECT. 37. Whoever shall drive, wheel, or draw any coach, cart, wheelbarrows, handcarts, velocipedes, bicycles, or any carriages of burden or pleasure (excepting children's carriages, drawn by hand), upon any sidewalk in the Town, or permit any horse, cattle, swine, or sheep under his or her care, to go upon any sidewalk in the Town, so as to interfere with the convenient use of the same by all passengers, or behave himself in a rude or disorderly manner, or use any indecent, profane, or insulting language, in any public place in the Town, or near any dwelling house, or other building, therein, or be, or remain upon any side walk, or upon any doorstep, portico, or other projection of any house or other building, not his own, to the annoyance or disturbance of any person, or by any noise, gestures, or other means, wantonly and designedly frighten any horse in any street, or other public place in the Town, or shall throw stones, snowballs, sticks or other missiles, or kick at football, or play at any game in which a ball is used, or fly any kites, or balloons, in any of the public ways in the Town, shall forfeit and pay for each offence, not less than five dollars and not more than twenty dollars.

SECT. 38. Whoever shall stand on any public way, in such a manner as to obstruct a free passage for passengers, or shall fire or discharge any gun, fowling-piece, pistol, or other fire-arm, or make any bonfire, or other fire in any public way or public place in the Town, or within two hundred feet of any such way or place within the Town, shall forfeit and pay for each offence, not less than five dollars, and not more than twenty dollars.

SECT. 39. Whoever shall shoot with, or use a bow and arrow, in any of the public ways of the Town, or shall place or cause to be placed upon any public way, footpath, or sidewalk, within the town, any lumber, iron, coal, trunks, bales, boxes, crates,

casks, barrels, package or other thing, or shall otherwise obstruct such way by placing things therein, for more than one hour, or more than ten minutes after being notified by a Constable, Police Officer, or the Selectmen, or shall lay, throw, or place, or cause to be laid, thrown or placed, any ice or snow into any street within the Town, unless the same be broken into small pieces, and spread evenly on the surface of such street, shall forfeit and pay not less than two, nor more than five dollars for every offence.

IX.—HAY SCALES.

SECT. 40. The Selectmen shall appoint, for a term not exceeding one year, a superintendent of the hay-scales belonging to the Town ; who may at any time, be removed from office by the Selectmen.

SECT. 41. In case of temporary absence, or inability properly to perform the duties of his office, the Superintendent shall at his own expense procure a substitute to perform such duties, who shall be approved by the Selectmen, and be removable at their pleasure.

SECT. 42. It shall be the duty of the Superintendent to weigh all the hay and other articles, which may be offered to be weighed, subject to such rules and regulations as shall be established by the Selectmen, concerning the scales and the fees for weighing.

X.—FIRE DEPARTMENT.

SECT. 43. Until otherwise provided, there shall be one Engine Company, and one Hose Company, and one Hook and Ladder Company. No person shall be appointed a member of either of said Companies, except he is eighteen years of age, and a resident in the town ; nor shall any one be appointed for a less term than three months.

SECT. 44. Each Company shall have a Foreman, an Assistant Foreman, and a Clerk, who shall be chosen by each

Company annually, at a meeting to be held in May ; subject to the approval of the Board of Engineers.

Sect. 45. It shall be the duty of the Foreman to see that the engines and apparatus and engine-houses are all kept neat, clean, and in order for immediate use, and to preserve order and discipline at all times in the Companies.

Sect. 46. It shall be the duty of the Clerk to keep a record (in a book to be provided by the Engineers) of the names of all the officers and members of the Companies, specifying the times of appointment, discharge, and age of each member, and the absence of each from all fires in this Town, and from the monthly meetings, provided for in the sixth section ; and also a full account of the town property in charge of the Companies. This book to be always subject to the control and inspection of the engineers, and to be actually submitted to their inspection some time in the months of January and July in each year. In the course of the same months, the Clerk is to deliver to the Town Treasurer a certified list of the officers and members of the Companies, specifying the number of times (if any) each officer or member has absented himself as aforesaid.

Sect. 47. Each Company shall perform all duties by law required to be performed by engine-men, and shall use their endeavors, in as orderly and quiet a manner as possible, to extinguish all fires which may break out in this Town. And in no instance shall the engines or apparatus leave the Town, without the consent of one or more of the engineers of the Town.

Sect. 48. On the return of the apparatus from the fire, the same shall be well and securely taken care of ; and once a month the Companies shall meet, for the purpose of examining the state of the engines and apparatus, and see that the same are in good repair, and ready for use.

Sect. 49. The officers and members shall quarterly receive from the Town Treasurer, in full for their services, such compensation as the Selectmen may, from time to time, by vote determine. Provided that no member not appointed as provided in the first section, and no officer not approved as

provided in the second section, shall receive any portion of such compensation.

SECT. 50. No claims whatever on account of said Company, its members or officers, shall be paid by the Town Treasurer, except the compensation provided for by the seventh section.

SECT. 51. The members of the Companies are not to meet in their respective houses for any purposes except those properly and reasonably connected with their duty as firemen, unless by permission of the board of engineers; and no distilled or fermented liquors shall be used at any meeting whatever, which shall be held in the engine-houses. At any time, when, in the judgment of the Selectmen, the public good will be advanced thereby, they may dismiss from the service all or any portion of the Companies, their officers or members.

SECT. 52. Whoever shall take away, or cause to be removed, from any engine-house or other buildings in this Town, or in any way interfere with any Fire Engine, Hose Carriage, Ladder Carriage or any Hooks, Ladders, Hose or other apparatus for extinguishing fires, or connected with any Engine Company, (said property belonging to this Town,) without the consent of the Engineers or officers of any engine company, or members thereof duly authorized, or one of the Selectmen of the Town, shall forfeit and pay not less than five dollars, nor more than twenty dollars for each offence, to be paid into the Treasury of the Town

SECT. 53. Whoever shall maliciously enter into any of the buildings belonging to this Town, which are used for engine-houses or the storage of apparatus connected with extinguishing fires, without the consent of the Engineers or officers of any engine company, shall forfeit and pay not less than five dollars, nor more than twenty dollars, for each offence, to be paid into the Treasury of the Town.

XI.—PUBLIC SCHOOLS.

SECT. 54. Habitual truants and children between the ages of seven and fifteen years wandering about in the streets and public places of this town, having no lawful occupation or

business, not attending school, and growing up in ignorance, shall be punished by a fine not exceeding twenty dollars, or by commitment to any institution of instruction, house of reformation, or suitable situation, provided for the purpose under the authority of the first section of chapter 262 of the Acts of the year 1873.

SECT. 55. The school committee shall annually appoint two or more truant-officers whose duty it shall be to report all cases coming to their knowledge of habitual truancy, and of children found wandering in the streets as aforesaid, to the parents or guardians of the children found offending; and in case such children so reported are again found violating this by-law, to make complaint thereof before a court or magistrate having jurisdiction of the offence. They shall also inquire diligently concerning all persons between the ages aforesaid, who seem to be idle or vagrant; or who, whether employed or unemployed appear to be growing up in ignorance, and enter a complaint against any one violating section first of this by-law. Before making complaint against any child, the truant-officers shall notify the child and its parents or guardian of the penalty of the offence.

SECT. 56. Every child before being admitted into any public school in this Town, shall present to the teacher a certificate from some physician, or from its parents or guardians, that he or she has been properly vaccinated. No child shall be allowed to attend school who has not been properly vaccinated.

XII.—PUBLIC HEALTH.

SECT. 57. It shall be the duty of the board of health to be vigilant and active in protecting the public health; to see that the laws and ordinances in relation to the same are enforced; to communicate their views to the board of selectmen from time to time, as they may deem expedient; and they shall have power to call upon the police and the various town officers to aid them in the performance of these duties.

SECT. 58. The board of health shall make all contracts and regulations for the cleaning of cesspools, vaults, and privies, and the collection of house offal, and the employment of laborers required therefor; provided, however, that the expenditure for the purposes herein enumerated shall not exceed the amount previously appropriated therefor by the town ; and all contracts for such work shall contain the condition that they shall be performed to the satisfaction of the board of health.

SECT. 59. The board of health shall organize annually by choice of one of their members as chairman. The said board shall also appoint a secretary, whose duty it shall be to have charge of the records of the board.

SECT. 60. The board shall annually, on or before the 10th day of February, send to the selectmen an estimate, in detail, of the appropriations required by the health department during the next financial year. All bills for expenditures from the appropriations for the health department shall be drawn for by the chairman of the board, and examined by the auditor of the selectmen, before they are paid by the town treasurer.

SECT. 61. The board of health shall annually, in the month of February, present to the town a report made up to and including the last day of the preceding January, containing a full and comprehensive statement of the acts of the board during the year, and a review of the sanitary condition of the town.

SECT. 62. Whenever the board sells any article or materials belonging to the town, or does, or causes to be done, work for any individual, they shall enter, in books to be kept for that purpose, all such sales and work done, with the price thereof, and shall forthwith make out bills for the same and deliver them to the town-treasurer for collection, and the treasurer shall forthwith demand payment of the said bills ; and in case any bills or dues under this by-law remain unpaid at the expiration of thirty days after demand for payment as aforesaid, the treasurer shall deliver the same to the board of selectmen for legal proceedings ; but if the selectmen are satis-

fied that the interests of the town require it, they may cause legal proceedings to be had at any time.

SECT. 63. The board of health may give licenses for burials, and for the removal of dead bodies from the town, and point out the place, depth, width and range of all graves in the several burying-grounds, and shall forbid graves to be dug within those limits in such grounds in which, in its judgment, it would be dangerous to the public health to allow graves.

SECT. 64. No person shall bury or inter, or cause to be buried or interred, any dead body, in violation of any direction or order of the board, given in accordance with the preceding section, or without having first obtained a license so to do.

SECT. 65. No person shall inter, or cause to be interred, any dead body in a grave less than three feet deep from the surface of the ground surrounding the grave to the top of the coffin.

SECT. 66. On the first Monday of February annually, or within ten days thereafter, the board of health shall appoint for a period of one year, from the first Monday of April in the year in which they may be appointed, such a number of funeral undertakers as may be deemed expedient, and they shall be responsible for the decent, orderly, and faithful management of the funerals undertaken by them, and for a strict compliance with the ordinances of the town in this behalf. Each undertaker may employ porters, of a discreet and sober character, to assist him, and he shall be accountable for their conduct; said undertakers and porters may be removed at the pleasure of the board. No person not appointed as aforesaid shall open any tomb or grave for the purpose of depositing or removing a dead body, without the permission of the board of health.

SECT. 67. No person shall bury or inter, or cause to be buried or interred, any dead body at any other time of the day than between sunrising and sunsetting, except when otherwise permitted by the board of health.

SECT. 68. The board of health are authorized to make and adopt any regulations in relation to the interment of the dead which they may deem expedient.

SECT. 69. In order to abate a nuisance the board of selectmen, with the approval of the board of health, is authorized to

permit, under such restrictions, not inconsistent with existing by-laws of the town in relation thereto, and on the payment of such sum as they may deem expedient, the construction of sufficient passage-ways or conduits under ground for the purpose of conveying the contents of any vault, privy, or wet lands into any common sewer or drain.

SECT. 70. If the board of health shall at any time be satisfied that any tenement, used as a dwelling-house, is not provided with a suitable privy, vault, and drain, or either of them, as aforesaid, they shall give notice in writing to the owner, agent, occupant, or other person having the care thereof; and in case of neglect or refusal to obey such notice the board of health shall cause such privy, vault, and drain to be made for such tenement or other building, at the expense of such owner, agent, occupant, or other person; and in case any such drain, vault, or privy is constructed as aforesaid, for the use of more than one house, then the owner, agent, occupant, or other person having the charge of each of such houses, shall be liable to pay a proportional part of such expense.

SECT. 71. Whenever any vault, privy, or drain becomes offensive or obstructed, the same shall be cleansed and made free, and the owner, agent, occupant, or other person having charge of the land in which any vault, privy, or drain is situated, the state or condition of which is in violation of the provisions of of this ordinance, shall remove, cleanse, alter, amend, or repair the same within such reasonable time, after notice in writing to that effect given by the board of health, as shall be expressed in such notice. In case of neglect or refusal so to do, the board of health may cause the same to be removed, altered, amended, or repaired, as they may deem expedient, at the expense of the owner, agent, occupant, or other person as aforesaid.

SECT. 72. No cesspool, vault or privy situated within one hundred feet of any town way or public building shall be emptied in any other mode, or at any other time, than the board of health may direct and appoint, subject to such regulations as the board from time to time shall make on the subject, and always at the expense of the owner, agent, occupant, or other person having charge of the tenement in which such vault is situated.

SECT. 73. Books, in which shall be entered all applications for opening and cleansing vaults, shall be kept in convenient places under the charge of the chief of police ; such applications shall specify the number of loads, if less than the whole contents of the vault, to be removed ; and they shall receive attention in the order in which they are made, so far as practicable.

SECT. 74. All house offal, whether consisting of animal or vegetable substances, shall be placed in suitable vessels, and no ashes or other refuse matter shall be mingled therewith ; and the same shall be kept in some convenient place, to be taken away by the town scavengers, which shall be done as often as once in each week.

SECT. 75. No person shall remove, or carry in, or through, any of the streets, squares, courts, lanes, avenues, places, or alleys within the town of Brookline any house dirt or house offal, either animal or vegetable, or any grease or bones, or any refuse substances from any of the dwelling-houses or other places in the town, unless each person so removing or carrying the same, and the mode in which the same may be removed or carried, shall have been expressly licensed by the board of health, upon such terms and conditions as they may deem the health and interest of the town require. But all the ashes and cinders made from steam engines, or steam boilers, forges or furnaces, used for mechanical purposes, shall be removed at the expense of the parties occupying the building, or the owners thereof, and at such times, and in such manner, as the board of health may direct.

SECT. 76. No person shall drive, or cause to be driven, any cart or wagon containing night-soil, or any wagon or cart used for that purpose, through any public way in the town, between the hours of four A. M. and 9 P. M., nor permit any such wagon or cart to stand between said hours, in any street, lane or alley in said town.

SECT. 77. No person shall keep any swine within a distance of fifty feet of any public way or place, or within a distance of one hundred feet of any dwelling house not his own, or within a distance of twenty-five feet of his own dwelling-house, without a permit from the Selectmen previously obtained.

SECT. 78. No person shall put or suffer to accumulate on his premises any refuse, animal or vegetable matter, rubbish or filth, whereby any offensive or noxious stench or effluvia shall be created, and the health or comfort of the citizens be injuriously affected, or shall throw any such substances into the streams or brooks of the town, not laid out by the town as common sewers, or shall allow the contents of any vault, or house-drain, or the refuse of manufacturing or slaughtering process, to drain into such streams or brooks.

SECT. 79. No person shall throw or suffer to fall into any common sewer in the town, or into any inlet of the same, any dead animals, stones, bricks, sticks, or other substances likely to obstruct the flow of water in the same, and no person shall allow his vault or house drain to drain into any sewer, without first obtaining from the proper authorities the permission so to do.

SECT. 80. No person, without the license of the board of health, shall throw into, or leave in, or upon, any street, court, square, lane, alley, public square, public enclosure, vacant lot, or any pond or body of water within the limits of the town, any dead animal, dirt, sawdust, soot, ashes, cinders, shavings, hair, shreds, manure, oyster, clam, or lobster shells, waste water, rubbish or filth of any kind, or any refuse animal or vegetable matter whatsoever. Nor shall any person throw into, or leave in, or upon, flats, or tide water within the jurisdiction of the town, any dead animal, or other foul or offensive matter.

SECT. 81. If any of the substances mentioned in the preceding section shall be thrown or carried from any house, warehouse, shop, cellar, yard, or other place, or left in any of the places specified in the preceding section, the owner and occupant of such house, warehouse, shop, cellar, yard, or other place as aforesaid, and the person who actually threw, carried, or left the same, or who caused the same to be thrown, carried, or left, shall severally be held liable for such violation of this ordinance; and all such substances shall be removed from the place where they have been so thrown or left, as aforesaid, by such owner or occupant, or other person, within two hours

after personal notice, in writing, to that effect, given by the board of health or any police officer; or such removal shall be made under the direction of said board or its officers, and the expense thereof borne by such owner or occupant.

SECT. 82. All dirt, sawdust, soot, ashes, cinders, shavings, hair, shreds, manure, oyster, clam or lobster shells, waste water, or any animal or vegetable substance, rubbish, or filth, of any kind, in any house, warehouse, or other building, cellar, yard, unaccepted street, alley-way, or other place which the board of health may deem injurious to the health of the town shall be removed by the owner or occupant of such house, warehouse, other building, cellar, yard, unaccepted street, alley-way, or other place where the same may be found, within twenty-four hours, or such other time as the board of health may deem reasonable, after notice in writing to that effect, or such removal shall be made under the direction of the board of health, and the expense thereof borne by such owner or occupant, who shall also be liable to a penalty.

SECT. 83. No person shall beat or shake any carpets within one hundred feet of any public way or place, or within one hundred feet of any dwelling house not his own, or in any places so that the dust from such carpets shall injure any person in any dwelling house or upon any public way or place.

SECT. 84. No person shall bring into town, any decayed or damaged grain, rice, coffee, fruit, potatoes, or other vegetable product, or any tainted or damaged meat or fish, without a permit therefor from, and in such a manner only as directed by, the board of health.

SECT. 85. The board of health shall have charge of any buildings which are or may be established within the town limits, for the admission of patients having the small-pox, or any other infectious disease; and they shall make such rules and regulations for the management and government of the patients and employés as they may deem proper and necessary. And the board shall carefully guard against the introduction of any cases of infectious disease into any other buildings under their charge than those appropriated for that purpose by the town.

SECT. 86. All notices issued by the board of health shall be served personally upon the owner or occupant, or their authorized agent, by any police officer or person competent to serve a notice in a civil suit, or it may be left at the owner's, occupant's, or agent's last and usual place of abode, if the same be known and be within the State.

XIII. — MISCELLANEOUS PROVISIONS.

SECT. 87. Whoever posts, affixes, or in any way attaches any poster, handbill, notice, advertisement or placard, or paints, draws, or stamps any letter, notice, figure, advertisement, or marks upon or into, or otherwise defaces any wall, fence, post, tree, building or structure, not his own, within the Town of Brookline, without the permission of the owner of such wall, fence, post, tree, building or structure, shall forfeit and pay for each offence a fine of not less than five nor more than twenty dollars to be paid into the Treasury of said Town ; and if such posters, handbills, notice, placard, letter, figure, advertisement or marks be obscene, or indecent, the penalty shall not be less than twenty dollars for each offence.

SECT. 88. Whoever shall swim or bathe in any of the waters within or surrounding the Town, so as to expose himself to the view of any passenger or other person in any public way, railroad or house within the Town, shall forfeit and pay not less than five dollars, and not more than twenty dollars.

SECT. 89. No person shall fire or discharge any gun, fowling-piece, or fire-arm, within the limits of the Town of Brookline ; provided, however, that this by-law shall not apply to the use of such weapons at any military exercise or review, or in the lawful defence of the person, family, or property of any citizen.

SECT. 90. The Board of Selectmen may make, from time to time, such rules and regulations for the government, disposition, and management of the police as they may deem expedient.

XIV. — PROSECUTIONS AND PENALTIES.

SECT. 91. Prosecutions for offences under these by-laws, may be made by any constable or police officer of the town.

SECT. 92. Any person who shall violate any provision of these by-laws, or who shall refuse or neglect to obey any order of the Board of Health duly issued under these by-laws, and directed to him and properly served upon him, shall, in cases not otherwise provided for, forfeit and pay for each offence a fine not exceeding twenty dollars.

THE ACCOUNTS OF THE TOWN TREASURER.

I. — The books of the Treasurer shall be kept in such manner and form as shall be prescribed by the auditors; and they shall report to the Selectmen any failure to comply with their instructions.

II. — The Treasurer shall, on the first day of each quarter, notify all officers, boards, committees, and agents of the Town, authorized to expend money, or incur indebtedness on account of the Town, of the balances of the appropriations against which they are authorized to draw, to the end that no debt shall be contracted in excess of such appropriations.

VOTE PROPOSED BY THE AUDITORS.

The recommendation of the Auditors referred to the Committee on By-Laws, was as follows: —

Voted, That there be appropriated the sum of Twenty-five Hundred Dollars for the salary of the Treasurer and Collector, including clerical assistance. That the Treasurer is hereby instructed to keep in the form and manner that the Auditors may direct, a Cash-book, Journal, and Ledger, (and other minor books they may deem necessary,) and that any failure or neglect to comply with their instructions, be reported by the Auditors to the Selectmen, who shall thereupon, if just cause appears, appoint a book-keeper or clerk to the Treasurer, who shall receive out of the salary (2,500) appropriated above, such compensation as the Selectmen shall allow — and that all officers, boards, committees, or others intrusted with the disbursement of money, or authorized to incur bills on account of the Town, be seasonably notified by the Treasurer of the balances of the accounts against which they are authorized to draw, to the end that no debt shall be contracted in excess of funds appropriated.

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ADDITIONAL REPORT

OF THE

COMMITTEE ON BY-LAWS

OF THE

TOWN OF BROOKLINE.

BROOKLINE:
PRESS OF T. R. MARVIN & SON.
1878.

REPORT.

THE Committee on By-Laws ask leave to present herewith a Supplemental Report upon certain proposed by-laws, the subject-matters of which have been brought to their attention since their former report.

The by-law upon Sewers was referred by the Board of Selectmen to this committee, and has been carefully considered ; and we report the same with some changes, but substantially as drawn by the Selectmen.

CHARLES H. DREW,
THOMAS H. TALBOT,
MOSES WILLIAMS, JR.
Committee.

PROPOSED BY-LAWS

OF THE

TOWN OF BROOKLINE.

ADDITIONAL REPORT.

CARRIAGE-STANDS.

SECT. 1. No person shall use any portion of any public way in this town as a carriage-stand for the solicitation of passengers for hire, without a license from the Selectmen.

SECT. 2. The Selectmen may grant licenses to use a certain portion of any public way as a carriage-stand, under such terms and conditions as they may prescribe.

DEALERS IN JUNK.

No person shall deal in junk within this town, or go from house to house purchasing or endeavoring to purchase, junk, bottles, bones or grease, without a license from the Selectmen.

SEWERS.

SECTION 1. There shall be appointed annually, on the first Monday in March, or within twenty days thereafter, by the Board of Selectmen, a Superintendent of Common Sewers, who shall hold his office for one year, from the first day of April

of the year in which he is appointed, or until he is removed, or a successor is appointed. He shall receive such compensation as the town may determine. He may be removed at the pleasure of the Selectmen, and in case said office shall at any time become vacant, it shall be filled in the manner above prescribed for the unexpired term.

On or before the first day of February, annually, the said Superintendent shall make a report to the Selectmen, containing a statement of the expenditures, income and business of his department during the preceding year, a schedule of the property belonging to the department, and such other information, or such suggestions, as he may deem expedient, and also an estimate in detail of the appropriations required by his department for the next financial year.

SECT. 2. The Superintendent shall, under the direction of the Board of Selectmen, take the general supervision of all common sewers, which now are, or hereafter may be, built and owned by the town, or which may be permitted to be built or opened by its authority; and he shall take charge of the building and repairs of the same, and make all contracts for the supply of labor and materials not otherwise provided for by the Selectmen or the town.

SECT. 3. All common sewers, which may be considered necessary by the Board of Selectmen, in any street or highway, shall be laid as nearly as possible in the centre of such street or highway, and shall be built of such materials and of such dimensions as the said Board shall direct. And where it is practicable, they shall be of a sufficient size to be entered and cleaned without disturbing the road-bed or pavement above.

SECT. 4. The Superintendent, whenever any common sewer is ordered to be built or repaired, shall ascertain its depth, breadth, mode of construction and general direction, and

take the plan thereof, and insert the same, with all those particulars, in a book, to be kept for that purpose, and forthwith ascertain and insert on said plan all entries made into such sewer.

SECT. 5. He shall keep an accurate account of the expense of constructing and repairing each common sewer, and shall report the same to the Board of Selectmen, together with a list of the persons and estates deriving benefit therefrom, and an accurate statement of the frontage and superficial area of the lands upon which said expense ought to be assessed.

SECT. 6. The Board of Selectmen, in making assessments for defraying the expense of constructing or repairing common sewers, pursuant to the provisions of these By-Laws, shall deduct therefrom such part, not less than one third, unless otherwise directed by vote of the town, to be charged to and paid by the town ; and they shall assess the remainder thereof upon the persons and estates deriving benefit from such common sewer, either by the entry of their particular drains, or by any more remote means, apportioning the assessment in such manner as the town shall hereafter direct ; and they shall also fix the time when the proportion of the said assessments charged upon persons benefited shall be paid ; and the said assessment shall be made within one month from the time of the completion of any common sewer which may be constructed pursuant to the provisions of these By-Laws.

SECT. 7. The Superintendent shall enter in books, kept for that purpose, all such assessments made by the Board of Selectmen, and shall forthwith make out bills for the same, and deliver them to the Town Treasurer for collection ; and the Town Treasurer shall forthwith demand payment in writing of the said bills, in the manner prescribed by law ; and if any bills or dues under these By-Laws remain unpaid at the expiration of three months after demand for payment, as aforesaid, the Town Treasurer shall cause the same to be collected by the proper legal process.

SECT. 8. The Board of Selectmen shall have power, in all cases where there is any common sewer in any street or highway, to cause every owner of land, adjoining said street or highway, his agent or tenant, to make a sufficient drain from his house, yard or lot, whenever, in their opinion, the same may be necessary ; and they shall thereupon give such owner, agent or tenant notice in writing, specifying the time within which such drain must be completed ; and if the said owner, agent or tenant neglects to complete the same within the time specified, the Board of Selectmen shall cause it to be done, and shall recover the whole amount of the expense thereof, with ten per cent. damages, by an action in the name of the town of Brookline, before any court proper to try the same ; *provided, however*, that in no case shall the ten per cent. claimed by way of damage exceed the sum of twenty dollars.

SECT. 9. It shall be lawful for all persons having the care of any buildings, to carry the rainwater from the roofs of said buildings, at their own expense, into any common sewers, free of any charge from the town ; *provided*, that the same be done by tight water spouts and tubes under ground, and under the direction of the Board of Selectmen.

SECT. 10. Every person entering his or her particular drain into any common sewer without a permit in writing from the Board of Selectmen, or Superintendent of Common Sewers, as hereinafter mentioned, shall forfeit and pay the sum of twenty dollars, and shall also be liable to pay all such damage by way of indemnification as the said Board may deem just and reasonable.

SECT. 11. All particular drains which enter into any common sewer, in any street or highway, shall be built of such size and materials, and in such a direction, and at such a grade, and in such a manner as the Board of Selectmen or the Superintendent of Sewers shall direct ; and all openings into such

common sewer, for the purpose of connecting a drain therewith, and all drains and repairs of drains, from any house, cellar, yard, or other premises, connecting with such common sewer, and all openings or excavations, in any street or highway, for the purpose of constructing or repairing any private drains, shall be made by a person licensed in writing for that purpose, by the Selectmen, or the Superintendent of Sewers authorized so to do by the Board of Selectmen.

SECT. 12. Every person licensed as provided in the preceding section shall, before performing any work authorized thereby, execute a bond to the town, in such sum as the Selectmen may prescribe, (but such sum shall not be less than five hundred dollars,) with one or more persons as sureties, satisfactory to the Selectmen, conditioned that he will properly make the openings into the sewer; that he will properly construct or repair the drains connecting with the sewer or any other drain; that he will leave no obstruction of any description in the sewer which he may open; that he will properly close up the excavation and restore the earth and pavement taken up, and regrade and repave the street, should it settle or become out of order within one year thereafter, or if he shall fail to do so within twenty-four hours after being notified thereof in writing, then it shall be regraded or repaved at his expense, by direction of the Superintendent of Sewers; also, that he will cause a sufficient fence to be placed and fixed so as to enclose the excavation, and the earth, stone, or other material which may be put into the street, and that he will maintain such fence during the whole time such excavation, earth, or other material may obstruct the street; and that he will cause one or more lighted lanterns to be maintained in a conspicuous place over such excavation, earth or fence, from the beginning of twilight every evening, and through every night during the time such excavation or obstruction in the street may exist; and further, that he will comply with the by-laws and ordinances in relation to sewers, and drains, and streets, and to such orders and regulations as the Board of Selectmen may adopt for the proper government of per-

sons licensed to construct or repair private drains or open and dig in the street or highway for that purpose; and that he will indemnify and hold harmless the town from any damage or costs to which they may be put by reason of injuries resulting to any one from neglect or carelessness in making and repairing such drain, or in performing any work connected therewith, or in properly fencing or lighting at night any excavation or obstruction caused by making or repairing such drain.

SECT. 13. If any drain in any street or highway be constructed or repaired, or any excavation be made for that purpose, without the permission authorized in section eleven, or in mode different from that prescribed therein, the person doing such work, and the owner or agent directing the same, shall respectively be liable to a penalty not exceeding twenty dollars.

SECT. 14. No owner or owners of any real estate to whom permission has been or shall be given to construct private drains for such estate shall, by the construction of such private drains, be exempted from an assessment lawfully imposed for constructing common sewers in the same vicinity.

SECT. 15. Whenever any drain connecting with any common sewer or drain becomes clogged, obstructed, broken, out of order, or unfit for the purposes of drainage, the owner, agent, occupant, or person having charge of any building, yard, lot of land or other premises which are drained by said drain, shall, when directed by the Board of Selectmen, within five days after notice in writing from said Board, remove, reconstruct, alter, cleanse, or repair said drain, as the condition of said drain may require. In case of neglect or refusal to remove, reconstruct, repair, alter or cleanse said drain for the space of five days, the Board of Selectmen shall cause the same to be removed, reconstructed, repaired, altered or cleansed, as they may deem expedient, at the expense of the owner, agent, occupant or other person as aforesaid, and such owner, agent, occupant, or

other person shall also be liable to a penalty not exceeding fifty dollars.

SECT. 16. Any owner, agent, occupant, or other person having charge of any building, yard, lot of land, or other premises which are drained into any common sewer or drain, who permits any gravel, sand, ashes, or any substance or matter which may form a deposit or obstruction in any common sewer or drain to flow or pass into the same, shall be liable to a penalty of not more than twenty dollars for each offence. And said owner, agent, occupant, or other person as aforesaid shall, when directed by the Board of Selectmen, within ten days after notice in writing to that effect from said Board, provide his drain with a sufficient cesspool or catch-basin, or, if one already exists, clean out, repair, or alter the same, and provide such other means as shall prevent any substance or matter from passing into the sewer or drain which may cause a deposit or obstruction therein.

In case of neglect or refusal to provide a cesspool or catch-basin, or to clean out, repair, or alter such cesspool or catch-basin, if one exist, for the space of five days, the Board of Selectmen shall cause to be constructed a suitable and sufficient cesspool or catch-basin, or, if one exists, shall cause it to be repaired, altered and cleaned, and provided with such other means to prevent any substance or matter from passing into the sewer or drain that may cause a deposit or obstruction therein, as they may deem expedient, at the expense of the owner, agent, occupant, or other person having charge of the premises, and such owner, agent, occupant, or other person shall also be liable to a penalty not exceeding twenty dollars.

SECT. 17. The Superintendent of Sewers, under the direction of the Board of Health, is authorized to permit under such restrictions, and on the payment of such sum, not exceeding thirty dollars, as they may deem expedient, the construction of sufficient passage-ways or conduits underground for the purpose of conveying the contents of any vault into any common sewer or drain.

TAX LIST

OF THE

TOWN OF BROOKLINE,

FOR THE YEAR 1878.

Rate—$12.10 on $1000.



BROOKLINE:
CHRONICLE PRESS: ARTHUR & SPENCER.
1879.

LIST OF RESIDENTS ASSESSED POLL TAX ONLY FOR 1878.

NAMES AND RESIDENCES.

Abbott Hollis E. Vernon st.
Adair William, Perry st.
Adams David, Washington st.
Adams John P. Washington st.
Adams John S. Harvard av.
Adams Matthew, Juniper st.
Ager James B. Brighton st.
Allen Howard A. Dudley st.
Annable John G. Washington st.
Anderson John, Newton st.
Ambrose Cornelius, Pleasant st.
Arnold George F. with E. C. Emerson.
Arthur Charles C. Walnut st.
Arthur Alexander S. Harvard st.
Aspinwall John S. G. Washington st.
Aspinwall Thomas, Washington st.
Aspinwall William T. Washington st.
Atkinson Richard S. Walnut st.
Atkinson Charles M. with J. L. Gardner.
Averill John S. Walnut st.
Avery Andrew, Harvard av.
Ayers John A. Walnut st.

Bacon Henry Jr. Harvard st.
Bailey Arthur H. Washington st.
Ball Hezekiah, Brookline av.
Ballou Edward H. Boylston st.
Barnard J. Frederick, Washington st.
Barker George, Elm pl.
Barry William, Morss av.

NAMES AND RESIDENCES.

Barry Thomas, Brighton st.
Barry Edward, Heath st.
Barrett George T. Searle av.
Barr Daniel, Boylston st.
Baxter Benjamin F. Linden pl. court.
Bean Daniel, Summit av.
Beake George, Summit av.
Beal Samuel, Davis av.
Begin William, Juniper st.
Bertsch Leo, Boylston st.
Benton Edward A. R. Marion st.
Bigham John, Brookline av.
Bill John, Pleasant st.
Blain Terence, Boylston st.
Blakely James, Brown st.
Blaisdell John E. Carlton st.
Blood Rufus, St. Mary st.
Boardman Charles A. Harvard st.
Bond Frederick M. Marion st.
Bond Frank G. Marion st.
Bogman George W. Harvard st.
Borland John, Pearl st.
Borland John F. Pearl st.
Bonacina Edward, Boylston st.
Bowditch Ernest W. Tappan st.
Bowditch C. Frederick, Tappan st.
Bowditch Charles A. High st.
Bowes William, White pl.
Bowler Joshua, Boylston st.
Bowker Watts H. Washington st.

NAMES AND RESIDENCES.

Bowman Alonzo, School st.
Bowman Walter H. School st.
Boyden Arthur C. Beacon st.
Boyden Addison, Cypress st.
Boylen James, Newton st.
Boylen Matthew T. Harvard st.
Brainard Charles R. Prospect st.
Bricklay Edward, Morss av.
Brigham Edward A. Monmouth st.
Bridgman Albert L. Harvard st.
Brennan James, White pl.
Brock James, Avon st.
Brockway Samuel J. Park st.
Broderick Morris, Pearl st.
Brooks George R. Harvard st.
Brooks Gardner C. Harvard st.
Brooks Lyman B. Harvard st.
Bruce Benjamin, Harvard av.
Bruce George Herbert, Harvard av.
Bryant Thomas G. Washington st.
Bugbee George A. High st.
Bulliman Cornelius, at Schlessinger's.
Burke Martin, Brighton st.
Burke Timothy, Pearl st.
Burgess Benjamin F. Beacon st.
Burgess William H. Monmouth ct.
Burns John, Boylston st.
Burns Matthew, Walnut st.
Burns Patrick, Heath st.
Bush Charles F. Boylston st.

NAMES AND RESIDENCES.	NAMES AND RESIDENCES.	NAMES AND RESIDENCES.
Bush S. Dacre, Beacon st.	Casey Owen, Boylston st.	Comerais Henry K. Searle av.
Burditt Edward H. Harvard av.	Casey James, at W. C. Cabot's.	Condray Michael, Houlihan av.
Burditt George A. Harvard av.	Cate Edwin I. St. Mary st.	Condray John, Houlihan av.
Byrnes John W. Brighton st.	Caton John, at W. H. Gardner's.	Connolly Edward, Carlton st.
Byrnes James F. Brighton st.	Cavit Patrick, Brookline av.	Conniff James W. Thayer pl.
	Chamberlin Frederick E. Beacon st.	Conry Patrick, Brookline av.
Cahill Richard, Carlton st.	Chandler Alfred D. Washington st.	Conry Daniel H. Brookline av.
Cahill Lawrence, Juniper st.	Chandler Sumner C. Washington st.	Conry Michael F. Brookline av.
Cahill Matthew, Juniper st.	Chapin Horace D. Walley av.	Conway Bartholomew, Brookline av.
Campbell Hamilton, Juniper st.	Chapman John N. Vernon st.	Conway John, Brookline av.
Campbell James, Reservoir pl.	Chapman L. Dana, Vernon st.	Conway Patrick, Brookline av.
Campbell James, Fay pl.	Chase Edward E. H. Davis av.	Conway Patrick, Boylston st.
Campbell John, Heath st.	Chester Walstein R. Walnut st.	Conway Timothy, Washington st.
Cantwell Lawrence, Juniper st.	Christien Andrew, Newton st.	Coolidge George H. Harvard st.
Cantwell James, Boylston st.	Chapman Charles, Washington st.	Coolidge James W. Harvard st.
Canty Michael, Boylston st.	Clark Henry B. Kent st.	Cook John, Walter av.
Canney John, Fay pl.	Clark Burnham C. School st.	Cook William H. School st.
Carton James C. Ivy st.	Clark Edward, Newton st.	Cooper William A. Thayer pl.
Carter James L. Monmouth ct.	Clifford Albert W. Newton st.	Corcoran Michael, Brookline av.
Carmody Patrick, Juniper st.	Clune James, Beacon st.	Corey Alonzo W. Walnut st.
Carmody John, Juniper st.	Clune John, Harvard st.	Costellow Martin, Heath st.
Carmody John, Brookline av.	Cilley Charles H. Davis ct.	Costellow Michael, Pearl st.
Carron Michael, Pearl st.	Cochrane John, Pearl st.	Cotter Francis, Boylston st.
Cabot William R. Warren st.	Collins Michael, Brookline av.	Cottam Thomas, Linden pl.
Carnes George W. Webster pl.	Collins Michael, Brookline av.	Cotting Charles E. Hawes st.
Carnes George H. Webster pl.	Colman Erasmus E. Harvard st.	Cotton Walter G. Kent st.
Carey Peter, Pearl st.	Colman William, Harvard st.	Cotton Frank B. Kent st.
Carey Cornelius, Pearl st.	Coleman Patrick, Davis av.	Cousens John E. Brighton av.
Case Jason M. Washington st.	Cole Charles, C. Farm station.	Coyen James, Brookline av.
Casey John, Kerrigan pl.	Cole George F., C. Farm station.	Coyen Patrick, Pleasant st.

NAMES AND RESIDENCES.

Craig Joseph, Still st.
Crane James, with G. Dexter.
Crane Timothy, Sewall st.
Cranwell Edward, Chestnut st.
Cranwell Henry, Chestnut st.
Crawshaw Joseph, Washington st.
Crawford Spofford L. Boylston st.
Crohen John, Sewall av.
Crohen Stephen, Pearl st.
Crohen Frank, Washington st.
Croke Edward, Brookline av.
Cronan John, Pearl st.
Cronan John, Boylston st.
Cronin Michael, Pearl st.
Crosby Edward S. Davis ct.
Crosby Joseph B. School st.
Crosby Michael, Kerrigan pl.
Crosby Benjamin H. Walnut st.
Cross James, Washington st.
Cross S. E. Washington st.
Crowley Jeremiah, Brookline av.
Cummings William, High st.
Cunneen John, Hammond st.
Cunningham Jairius, Harvard st.
Cunningham John W. Dudley st.
Cunningham Thomas, Cottage st.
Curry James, White pl.
Curry John, Brookline av.
Curry Simon, Brookline av.
Currier E. P. Walnut st.

NAMES AND RESIDENCES.

Curtis Elijah J. Harvard st.
Curtis John, Warren st.
Curtis J. Gardner, St. Paul st.
Cushing James, with James Amory.
Cusick Bartholomew, Brookline av.
Cusick Edward, Boylston st.
Cusick James, Juniper st.
Cusick James, Pearl st.
Cusick Michael, Boylston st.
Cusick Patrick H. Washington st.
Cusick Thomas J. Washington st.
Cutler William S. Walnut st.

Daxon Michael, Walter av.
Dacre William, Harvard st.
Dacey Michael, Chestnut st.
Dallas, Horatio N. Pleasant st.
Dalton Michael, Sewall pl.
Dalton John, Sewall pl.
Daley Patrick, Boylston st.
Dana William J. Waverly pl.
Darracott Franklin M. Harvard av.
Daniels Philip, Washington st.
Darney Jeremiah, Walter av.
Davis Ginery T. Harvard st.
Davis Charles E. Washington st.
Davis Sanford, Colchester st.
Danforth Fitz Albert, Thayer pl.
Danforth Lucius N. Thayer pl.
Dearborn William G. Walnut pl.

NAMES AND RESIDENCES.

Dearborn George F. School st.
Dea Thomas, Boylston st.
Dempster, Thomas W. Harvard st.
Delano Charles E. Washington st.
Delano Clarence A. Washington st.
Delano George H. Washington st.
Delano William H. Washington st.
Desmond John, Harvard st.
Desmond John, Linden pl.
Devine William, Sewall pl.
Devlin Joseph, Juniper st.
Dexter Jonathan L. Harvard st.
Dillon Patrick, White pl.
Dimond Henry C. Boylston st.
Diser Silas C. St. Paul st.
Doyle Charles, Washington st.
Donahue Martin, Brookline av.
Donellan Edward, Boylston st.
Donellan Thomas, Kerrigan pl.
Donovan James, Pearl st.
Donovan John, Pearl st.
Donovan Dennis, Pearl st.
Donovan Michael, Boylston st.
Doran Levi, Washington st.
Doran Enoch E. Ackers av.
Donald William A. Monmouth st.
Dolloff Abner P. Boylston st.
Dolloff Irving M. Boylston st.
Dodds William, Boylston st.
Dow Frank A. Newton st.

NAMES AND RESIDENCES.

Downer Frederick, Harvard st.
Draper Wallace S. School st.
Drohen William, Juniper st.
Driscoll Timothy, Pearl st.
Driscoll Jeremiah, Pearl st.
Driscoll Dennis, Harrison pl.
Driscoll Timothy, Harrison pl.
Driscoll Michael, Harrison pl.
Driscoll James, Jr. Harrison pl.
Driscoll Jeremiah L. Harrison pl.
Druce George, Boylston st.
Duga Augustus, Washington st.
Dunn Andrew, Boylston st.
Duffy Arthur, Boylston st.
Duffy Charles A. Boylston st.
Duffly Michael, Heath st.
Dugan James, Sewall pl.
Dustin Eben F. Walnut st.
Dwyre Benjamin, Boylston st.
Dwyre James, Boylston st.
Dwyre William, Kerrigan pl.
Dwyre James, Kerrigan pl.
Dwinell James, Walnut st.
Dwight William, Cottage st.
Dwight Charles, Warren st.

Eager Henry B. Harvard st.
Edwards Samuel D. Harvard st.
Edgar John, Thayer pl.
Eldridge Henry G. Monmouth st.

NAMES AND RESIDENCES.

Emerson Samuel D. Summit av.
Emery William, White pl.
English John, Newton st.
Eveleth Harlan F. Pleasant st.

Fay Henry G. Davis av.
Fay John, Boylston st.
Fallon, John, Chestnut pl.
Farnham Charles B. Francis st.
Ferris E. Mortimer, Alton pl.
Field Frank B. Washington st.
Finn Thomas, Pearl st.
Finnegan Arthur, Brookline av.
Finnegan Barney, Heath st.
Fillebrown Edward, Harvard st.
Fillebrown, Francis E. Harvard st.
Fillebrown Walter M. Harvard st.
Fitzgerald Nicholas, Boylston st.
Fitzgerald Daniel, Linden pl.
Fitzpatrick Edward, Beacon st.
Fisher Horace N. Boylston st.
Fisher John H. Boylston st.
Fisher George E. Heath st.
Flaherty Charles, Pearl st.
Fleming Patrick, Cypress st.
Fogg George P. Harvard st.
Ford Henry, Walnut st.
Follen, Burnet, Reservoir pl.
Foster Charles, Brighton av.
Foster James L. Brighton av.

NAMES AND RESIDENCES.

Foster John H. Monmouth st.
Forbs Fayette F. Colonnade block.
Fowler Charles, Boylston st.
Frawley Daniel, Harrison pl.
Frawley William, Washington st.
Frawley Patrick, Brookline av.
French Alexis H. Washington st.
Frazier Peter G. Walnut st.
Fothergill Edwin, Boylston st.
Fuller Frank H. Washington st.
Funk Charles J. Davis ct.

Gallagher John, Dudley st.
Gallagher James, Juniper st.
Gallagher James, Pearl st.
Gallagher James, Fay pl.
Gallagher Martin, Dudley st.
Gallagher Patrick, Pearl st.
Gallison George W. Harvard av.
Gallison Henry H. Harvard av.
Gallison Joseph H. Harvard av.
Ganzhorn William, Walnut st.
Gardner Philip F. Washington st.
Gardiner John W. T. Monmouth ct.
Gardiner Robert H. Monmouth ct.
Gardiner Robert H. Jr. Monmouth ct.
Garfield John, Cypress st.
Gilfoil Jeremiah, with L. M. Crane.
Gill Henry F. Monmouth st.
Gillespie Michael, Brookline av.

POLL TAX LIST—CONTINUED.

NAMES AND RESIDENCES.	NAMES AND RESIDENCES.	NAMES AND RESIDENCES.
Getchell Isaiah S. Harvard st.	Hand George B. Andem pl.	Hoar D. Blakeley, Beacon st.
Gleason James, Washington st.	Handrahan Patrick, Brookline av.	Hobbs William, Harvard av.
Glennan Michael, Cypress st.	Hanly Michael, Walter av.	Hogan Peter, Pearl st.
Geary Owen, Boylston st.	Haney Michael, South st.	Holleran John, Pearl st.
Glynn John, Goddard av.	Haley Franklin, Harvard st.	Holleran John, Heath st.
Goddard Warren, Jr. Aspinwall av.	Hapgood Charles E. Vernon st.	Holleran Patrick, Boylston st.
Goodwin Willard A. Washington st.	Harrington Clarence A. Beacon st.	Holleran Stephen, Pearl st.
Gooley Thomas, Boylston st.	Harrington Dennis, Boylston st.	Holleran William, Hammond st.
Gould Arthur C. Francis st.	Harrington Edwin E. Davis ct.	Holmes Henry, Walnut st.
Gowen John, Washington st.	Harrington John, Fay pl.	Holt Edward B. Washington st.
Grady John, Clyde st.	Harris Charles A. Vernon st.	Holt Harvard st.
Graham Henry J. Harvard st.	Harris James H. Walter av.	Holtzer Charles W. Thayer pl.
Griffin Andrew, Brookline av.	Hartigan Thomas, Clyde st.	Hoole Charles, Fay pl.
Griffin Patrick, Boylston st.	Hartnet John, Pearl st.	Homer Frederick H. Gorham av.
Griggs William J. Harvard st.	Hartnet Morris, Pearl st.	Horban John, Pearl st.
Grush Charles G. Washington st.	Harvey George, Harvard pl.	Hooper William E. Thayer pl.
Grush John H. Washington st.	Harwood Albert S. Pearl st.	Horton James W. Davis ct.
Gutterson Edward, Prospect st.	Haseltine William S. Chestnut st.	Howard Joseph C. Beacon st.
Goodspeed Munroe, Marion st.	Hayes Jeremiah F. Ridgway st.	Howard Patrick, Sewall pl.
	Hayes John, Pearl st.	Howe Charles W. Walnut st.
Haggerty Francis, Boylston st.	Hayes John, Boylston st.	Howe Reginald H. Monmouth ct.
Haggerty John, Pearl st.	Heard Leander B. Cypress st.	Hubbard Eliot, Hawes st.
Halfenstein William H. White pl.	Heath Frederick A. Boylston st.	Hubbard John G. Colchester st.
Hall Frank R. High st.	Heath William, Washington st.	Hubbard Richard, Hawes st.
Hall Henry M. Washington st.	Hickey John, Brookline av.	Hughes Charles, Brookline av.
Hall James, Pearl st.	Hickey Morris, Boylston st.	Hull George H. Jr. Longwood av.
Hall John, Carlton st.	Higgins John, Walter av.	Hunnewell Francis, Beacon st.
Hall Lewis, Pearl st.	Hill Benjamin, Boylston st.	Hunnewell Walter R. High st.
Hallett Henry R. Walnut st.	Hillard Owen, Brookline av.	Hunt Thomas G. Davis av.
Hallett William R. Walnut st.	Hitchborn William C. Carlton st.	Hunting Charles F. Thayer pl.

NAMES AND RESIDENCES.

Hunting Henry H. School st.
Hurley Patrick, Heath st.
Hussey Charles F. School st.
Hurd George F. High st.
Hutchings Charles, at H. W. Howe's.
Hutchings John F. Washington st.

Jackson Isaac N. Park st.
James Albert E. Whyte's block.
James Charles H. Waverly pl.
Jennings William, Pearl st.
Johnson Felix Jr. Walnut st.
Johnson George H. Harrison pl.
Johnson John, Harvard st.
Johnson J. Frank, Washington st.
Johnson Melville A. Davis av.
Johnson Michael, Pearl st.
Johnson Oliver, Prescott st.
Johnson Patrick, Pearl st.
Johnson Richard, Pearl st.
Johnston Leonard F. School st.
Jones Artemas S. Walnut st.
Jones Edward, Pearl st.
Jones Edward J. Pearl st.
Jones Winthrop B. Harrison pl.
Joy William B. Washington st.
Joyce George F. Jr. Washington st.
Joyce Thaddeus, Pearl st.

Kane Andrew, Pearl st.

NAMES AND RESIDENCES.

Kane Michael, Clyde st.
Keef John, Boylston st.
Keef John D. Carlton st.
Keef Joseph, Washington st.
Keegan John Jr. Cartlon st.
Kellaher Peter M. Washington st.
Kellaher Richard Jr. Sewall pl.
Kelley Carlton F. Boylston st.
Kelley John, Cypress st.
Kelley John, Boylston st.
Kelley John, Kerrigan pl.
Kelley John M. School st.
Kelley James, Pearl st.
Kelley James H. Boylston st.
Kelley John, Pearl st.
Kelley Michael, Linden pl.
Kelley Philip, Brookline av.
Kelley Redmond, Boylston st.
Keenan John, Babcock st.
Keenan John, Pearl st.
Keenan John M. Washington st.
Keenan John, Newton st.
Keenan Patrick, Pearl st.
Keenan Thomas, Boylston st.
Kemball Francis R. Boylston st.
Kemp Arthur, Cypress st.
Kendall Henry A. Dudley st.
Kendall Henry P. Dudley st.
Kendall Richard J. Dudley st.
Kennedy Peter, Washington st.

NAMES AND RESIDENCES.

Kenrick Alfred E. Washington st.
Kenrick George P. Walnut st.
Kenrick Moses F. Aspinwall av.
Kerr William, with C. Stearns.
Kildea Michael, Walter av.
Kiley Michael, Pearl st.
Kimball Arthur W. Boylston st.
Kingman Bradford, Washington st.
Kingman Martin, Washington st.
King James, Washington st.
King Robert, Walter av.
King William, Washington st.
Kirke John W. Washington st.
Kirke Patrick, Boylston st.
Kirby Frederick W. Beacon st.
Klattenburg James, Dudley st.
Knott Charles, Chestnut st.
Koch John Jr. Washington st.

Lacy John, Walnut pl.
Lahiff Michael, Boylston st.
Lally John, Washington st.
Lally John, at H. V. Poor's.
Lally John, at W. H. Gardner's.
Lamb Henry W. High st.
Lannan John, Brookline av.
Larkin Patrick, Pearl st.
Larkin Thomas, Kerrigan pl.
Lawrie Joseph D. Juniper st.
Lawton Frederick, Colonnade block.

NAMES AND RESIDENCES.	NAMES AND RESIDENCES.	NAMES AND RESIDENCES.
Leahey Daniel, Boylston st.	Lunney Patrick, Ackers av.	Manly Alden, Boylston st.
Leahey Michael, Boylston st.	Lynch Michael, Tappan st.	Mann John H. Marion st.
Leahey John, Boylston st.	Lynch Michael, Juniper st.	Manshaw Daniel, Pearl st.
Leavitt John, Pearl st.	Lynch Michael Jr. Juniper st.	Marston Arthur, Juniper st.
Lewis Nathan C. Prospect st.	Lyon Levi T. Thayer pl.	Marston George F. Linden Place ct.
Libby Franklin, White pl.	Lyons James P. Morss av.	Martin Thomas, Chestnut st.
Libby John H. White pl.	Lyons John E. Morss av.	Marvin Theophilus R. Harvard st.
Liddy James, Boylston st.	Lyons Patrick, Sewall pl.	Marvin William T. R. Harvard st.
Liddy John, Pearl st.		Mason Arthur F. Cottage st.
Liddy Patrick, Morss av.	Mackey John, Brookline av.	Mason Thomas F. School st.
Lincoln Albert L. Harvard st.	Maddick John, Washington st.	Mason William, Pearl st.
Lincoln Albert L. Jr. Harvard st.	Madore Joseph, Boylston st.	Masey Nathaniel F. Brookline av.
Lincoln Edwin H. Harvard st.	Madden John, Emerald st.	Massett John, Walter av.
Lincoln Henry, Still st.	Magee George, Boylston st.	May George W. Marion st.
Lincoln Roland C. Still st.	Magee Thomas, Washington st.	Mayo Aaron D. Davis av.
Lincoln William, Marion st	Maguire John, School st.	Mayo Herbert A. Davis av.
Lincoln William E. Vernon st.	Mahan Thomas, Boylston st.	Mayo Joseph, Walnut st.
Linnehan James, Alton pl.	Mahan Thomas C. Washington st.	McBurney James Jr. Pleasant st.
Lester Michael, Pearl st.	Mahan William H. Washington st.	McCaffry James, Ridgway st.
Little Joshua A. Prospect st.	Mahoney Daniel, Chestnut st.	McCairn Samuel, Juniper st.
Locke Leonard, at R. C. Winthrop's.	Mahoney Daniel, Fay pl.	McCarerty Patrick, South pl.
Logan Gilbert, Ridgeway st.	Mahoney John Jr. Freeman st.	McCarty Andrew, Pearl st.
Logan James, Alton pl.	Mahoney Michael, Pearl st.	McCarty David, Brighton st.
Long Garrett, Avon st.	Mains Jeremiah, Brighton st.	McCarty Daniel, Pearl st.
Long I. Augustus R. Washington st.	Maloney James, Cypress st.	McCarty John, Emerald st.
Long John, Chestnut st.	Maloney John, Walter av.	McCarty John, Pearl st.
Lowell A. Lawrence, Heath st.	Maloney James, Pearl st.	McCarty John, Boylston st.
Lowell Percival, Heath st.	Maloney Michael, Pearl st.	McCarty Lawrence J. Newton st.
Lucas Patrick, White pl.	Maloney Thomas, Boylston st.	McCarty Marcus B. Newton st.
Lunney Joseph, Andem pl.	Maloney William, Pearl st.	McCarty Patrick, Pearl st.

NAMES AND RESIDENCES.	NAMES AND RESIDENCES.	NAMES AND RESIDENCES.
McCarty Thomas, with B. Schlessinger.	McGroser Patrick, Newton st.	McNeilly Matthew, Park st.
McCarty William, Brookline av.	McGuire John, Alton pl.	McNeilly Robert, Ridgway st.
McClure David, White pl.	McGregor James, Boylston st.	McNeilly Samuel, Washington st.
McCausland Charles B. Aspinwall av.	McGregor John, Boylston st.	McShane John, Washington st.
McCormack James, Washington st.	McInerrey Daniel, Chestnut st.	Mead Morris, Linden pl.
McCormack John, Washington st.	McIntosh Francis, White pl.	Mead Patrick, Boylston st.
McCormack John J. Chestnut st.	McIntosh Edward, Walnut st.	Mead William, Morss av.
McCormack Patrick, Pearl st.	McIntosh George, Walnut st.	Mealey Edward J. Chestnut st.
McCracken James, School st.	McIntosh Royal, Walnut st.	Mealey John, Chestnut st.
McCue Patrick, Ackers av.	McKenzie Daniel, Boylston st.	Mealey John, Sewall pl.
McCue Thomas, Ackers av.	McKeon George W. Boylston st.	Means Walter K. Prospect st.
McCullough Alex., with Mrs. M. Cabot.	McKinney Martin, Harvard st.	Meany John, Boylston st.
McCullough John, with J. W. Pierce.	McKnight Robert, Ridgway st.	Meany Michael, Pearl st.
McCullough Samuel, Marion st.	McLaughlin James, Boylston st.	Melcher William K. Jr. Linden pl.
McDavit Charles, Linden Place ct.	McLaughlin Edwin, Heath st.	Mellen Frederick H. Beacon st.
McDavit Daniel, Linden Place ct.	McLellan Henry B. Marion st.	Mellen George M. Beacon st.
McDavit John, Linden Place ct.	McMahan James, Pearl st.	Meredith J. Maurice, Hawes st.
McDavit Patrick, Linden Place ct.	McMahon Stephen, Harvard st.	Merrifield Henry K. Perry st.
McDermot Bernard, Boylston st.	McManus Patrick, Newton st.	Merrill Parker, Harvard st.
McDermot Bernard Jr. Boylston st.	McNamara Daniel, Boylston st.	Miley Daniel, Carlton st.
McDonald Barnard, White pl.	McNamara Dennis, Brookline av.	Miller William, Clyde st.
McEttrick John, with I. Sargent.	McNamara John, Pearl st.	Milliken Abel B. Reservoir pl.
McGinnis P. S. Walnut st.	McNamara John, Pearl st.	Mills Henry D. Walnut st.
McGarrell John, with J. L. Gardner.	McNamara John P. Brookline av.	Minnehan John, Sewall pl.
McGrail John, Houlihan av.	McNamara Michael, Beacon st.	Miskell Patrick T. Dudley st.
McGrail Michael, Boylston st.	McNamara Michael, Brookline av.	Miskill Timothy J. Dudley st.
McGrath James, Pearl st.	McNamara Patrick, Boylston st.	Mitchell James, Pearl st.
McGrath John, Pearl st.	McNamara Thomas, Brookline av.	Moody Isaac P. Walnut st.
McGrath Michael, Brookline av.	McNamara Thomas, Pearl st.	Moore William D. Aspinwall av.
McGrath James, Pearl st.	McNamara Thomas, Houlihan av.	Moran Thomas, Emerald st.

NAMES AND RESIDENCES.

Morlock Frederick, Fay pl.
Morrill Amos B. Harvard st.
Morrill Alexander, Washington st.
Morris Lawrence J. Harvard st.
Morrison William D. Andem pl.
Morrissey John, Brookline av.
Morrissey Thomas, Fay pl.
Morrissey Thomas, Emerald st.
Morrow William, Washington st.
Morse Eben, Boylston st.
Morse Eugene, Prospect st.
Morton Allen, Newton st.
Moss Edward B. Linden pl.
Moylen John Washington st.
Mulkahy Patrick, Walter av.
Mulkahy Richard, Pearl st.
Mulholland James, Park st.
Mullen William, Boylston st.
Mulray William, Pearl st.
Munn Michael, Sewall pl.
Murphy Cornelius, Walter av.
Murphy Hugh, Linden pl.
Murphy Hugh, School st.
Murphy James, Harvard st.
Murphy Michael, Juniper st.
Murphy Patrick, Walter av.
Murphy William, Sewall pl.
Murray Daniel C. Newton st.
Murray John, Pearl st.
Murray Michael, Pearl st.

NAMES AND RESIDENCES.

Murray Patrick, Pearl st.
Murray Peter, Chestnut st.
Murray Robert, Ridgway st.
Murray Thomas J. Pearl st.
Myers Jacob, with E. C. Emerson.
Myers John, Boylston st.

Naigle Thomas, Fay pl.
Nash Samuel Y. Panter's block.
Neilson John, Prescott st.
Newcomb George L. Washington st.
Newcomb Leonard E. Harvard pl.
Nelson George E. Warren st.
Newell Samuel, Brookline av.
Newell Charles M. Walnut st.
Newman Frank A.
Nickerson Edward G. Webster st.
Nickerson John, Walnut st.
Noland Andrew, Harvard st.
Nolan James, Walnut st.
Norton Michael, Boylston st.
Noyes Eliphalet S. Davis ct.
Nute Asa B. Washington st.
Nyhan Daniel, Boylston st.
Nyhan John, Whyte's block.

O'Brien Edward, Brookline av.
O'Brien Lawrence, Boylston st.
O'Brien Michael, Brookline av.
O'Brien Michael, Morss av.

NAMES AND RESIDENCES.

O'Brien Patrick, Kent st.
O'Brien Thomas, Boylston st.
O'Byrne James, Walter av.
O'Connell James J. High st.
O'Connell William, High st.
O'Conner Bartholomew, Walter av.
O'Conner Charles, Pearl st.
O'Conner Hugh, Fay pl.
O'Conner John, Pearl st.
O'Day John T. Boylston st.
O'Dea Dennis, Pearl st.
O'Dea John, Juniper st.
O'Dea Michael, Washington st.
O'Dea Michael, Brookline av.
O'Dea Thomas, Washington st.
O'Donnell Thomas, Houlihan av.
O'Hare Hugh, Boylston st.
O'Hare John, Boylston st.
O'Hare Patrick, Boylston st.
O'Hernn James, Heath st.
O'Hernn John, Boylston st.
O'Hernn Michael, Boylston st.
O'Hernn Thomas, Pearl st.
O'Hernn Timothy, Heath st.
O'Neil James, Boylston st.
Orcutt Mears, Walnut st.
Orrock John M. Winchester st.
Ouilemette Evariste, with M. Goddard.

Packard Edward W. Washington st.

NAMES AND RESIDENCES.

Paige Albert S. Linden Place ct.
Paine Henry K. Harvard st.
Palmer Asher C. Davis av.
Palmer Edward F. Davis ct.
Palmer George F. Davis ct.
Parlin John, Clyde st.
Parsons Theophilus Jr. Cottage st.
Partridge John W. High st.
Patterson William, Warren st.
Peirce William O. Harvard st.
Pendergast Patrick, Houlihan av.
Perrin Lewis, Walnut st.
Peterson Gustavus, Clyde st.
Phillips Edward H. Harrison pl.
Phillips John F. Harrison pl.
Phinney Isaac, Colonnade block.
Pickett David, Brookline av.
Pierce Jacob W. Brighton st.
Pierce Quincy, Brighton st.
Pierce William P. Brighton st.
Pinnar James, Sewall st.
Plummer Gordon, Longwood av.
Pons Charles A. Washington st.
Powell Robert, with E. S. Dane.
Power Patrick, Auburn st.
Powers James, Pearl st.
Pratt Isaac L. Monmouth st.
Pree William, Linden Place ct.
Price Lewis S. Clyde st.
Proctor Charles M. Davis av.

NAMES AND RESIDENCES.

Pugsley John, Harvard pl.

Quimby Benjamin F. Heath st.
Quinn Lawrence, Brighton st.

Rafferty Michael, Ackers av.
Rafftry John, with R. C. Winthrop.
Rainhard John, Walnut st.
Ranney William, Juniper st.
Rausch George H. Harvard pl.
Ray Alfred F. Davis ct.
Reardon David, Davis av.
Reardon William, Boylston st.
Reed Charles A. Clyde st.
Reed Eben W. Reservoir pl.
Reed Henry, Winchester st.
Reed John Jr. Washington st.
Reed Lawrence, Walter av.
Reeves Walter G. Harrison pl.
Rice Henry T. Searle av.
Ricker Oliver P. Davis av.
Ricker Rudolph, Washington st.
Riley James, Kerrigan pl.
Ritchards William, Boylston st.
Ritchards William Jr. Boylston st.
Ritchie Andrew M. Walnut st.
Ritchie John, Cypress pl.
Ritchie Thomas P. Francis st.
Roach John, Clyde st.
Robbins Benjamin T. Davis av.
Roberts William Arthur, Sewall st.

NAMES AND RESIDENCES.

Robinson Henry H. Marion st.
Robinson John, Goddard av.
Robinson John A. Washington st.
Robinson Wellington, Washington st.
Rockwood John E. Harvard av.
Rogers George, Freeman st.
Rogers George R. Perry st.
Rohan Charles, Harvard st.
Rollins Geo. W. with R. C. Winthrop.
Rooney James, Brighton st.
Rooney John, Davis ct.
Rooney William, Harrison pl.
Roskell George L. Chapel station.
Rothny John J. E. at Mrs. West's.
Ruen John, Brookline av.
Russell Edmund, Davis ct.
Russell Michael, Juniper st.
Russell Thomas, Pearl st.
Ryan Daniel, Brookline av.
Ryan Edward, Pearl st.
Ryan John, Brookline av.
Ryan Martin, Brookline av.
Ryan Patrick, Walter av.
Ryan Patrick, Pearl st.

Sabin George K. Harvard st.
Salisbury William E. G. Cypress st.
Salmon Peter, White pl.
Sanborn Alfred G. School st.
Sanderson Albert H. Reservoir pl.

NAMES AND RESIDENCES.

Sargent John A. Brighton st.
Saunders Charles, Cottage st.
Saville William, Alton st.
Sawtell Richard W. Brighton st.
Schneider Gottlieb, Boylston st.
Schultz John, Park st.
Schaeffer Charles, High st.
Scott James, Sewall pl.
Seamans Manning, Cypress st.
Seamans Marshall, Harvard st.
Shapleigh James W. Walnut st.
Sharpe Edward, with S. A. Robinson.
Shaughnessey Thomas, Kerrigan pl.
Shea John, White pl.
Shea Michael, Park st.
Shearman John, White pl.
Shellady Thomas, with W. H. Foster.
Shellady James, White pl.
Sherry Patrick, with E. Atkinson.
Sinclair James, Prospect st.
Smiley Robert, Thayer pl.
Smith Arthur, Boylston st.
Smith Eben, Harvard st.
Smith Edgar J. Harvard st.
Smith George P. with G. Twitchell.
Smith Henry C. Chestnut st.
Smith Obed F. Prospect st.
Smyth Eneas, Boylston st.
Snow Alpheus W. Walnut st.
Somers William, Brookline av.

NAMES AND RESIDENCES.

Spaulding Charles S. Washington st.
Spellman Lucius, Monmouth st.
Spencer Frederic E. Linden Place ct.
Spilleen John, Brighton st.
Spires James, White pl.
Spooner John, St. Paul st.
Sprague Frank B. Harvard st.
Spurr Henry F. Dummer st.
Starkweather Archibald, Searle av.
Stearns Benjamin G. Boylston st.
Stearns Francis G. Boylston st.
Stearns George M. Washington st.
Stearns Joseph G. Pleasant st.
Stearns William A. with D. S. Coolidge.
Steese Edward, Cypress st.
Stetson A. Henry, Walnut st.
Stevens Daniel C. Andem pl.
Stevens John, Washington st.
Stevens Willard W. Washington st.
Stevenson James, Cypress st.
Stitt James, with H. E. Raymond.
Stitt George, White pl.
Stone George F. Prospect st.
Stone Grafton W. Holden st.
Storey Charles W. Walnut st.
Strain John, Boylston st.
Stuart John, Juniper st.
Sullivan Daniel, Pearl st.
Sullivan Dennis, Kerrigan pl.
Sullivan James, Washington st.

NAMES AND RESIDENCES.

Sullivan James, Pearl st.
Sullivan James, Brookline av.
Sullivan Jeremiah, Pearl st.
Sullivan Jeremiah D. Pearl st.
Sullivan James, Walter av.
Sullivan Peter, Brookline av.
Sullivan P. Henry, Juniper st.
Sullivan T. Frank, Juniper st.
Sweeney John, Brookline av.
Sylvester Joseph, School st.

Taffe John, Heath st.
Taft William L. Dudley st.
Talbot Thomas H. Webster pl.
Tarrant John, Morss av.
Taylor Alfred S. Harvard st.
Taylor Frank S. Dudley st.
Taylor John C. Harvard st.
Taylor John F. Boylston st.
Thomas Joseph B. Colchester st.
Thomas Patrick, White pl.
Thompson Nelson, Davis av.
Thurlow Otis L. Washington st.
Tiernay Patrick, Park st.
Tilley James B. South st.
Tobin William, Morss av.
Todd Thomas, Kent st.
Torrey William, Freeman st.
Townsend George H. Heath st.
Townsend Thaddeus J. Heath st.

NAMES AND RESIDENCES.	NAMES AND RESIDENCES.	NAMES AND RESIDENCES.
Townsend Thomas, Heath st.	Ward Thomas P. Warren st.	White Daniel, with J. S. Whitney.
Train Charles, Walter av.	Warren Charles B. Harvard av.	White Joseph, Brighton st.
Treat Leonard A. Summit av.	Warren Francis M. Harvard av.	White Joseph L. Brighton st.
Tribon Arthur, with W. S. Brown.	Warren Francis C. Warren st.	White Michael, Pleasant st.
Trowbridge William W. Harvard st.	Waterman J. Thomas, Aspinwall av.	Whitney John H. Harvard st.
Truesdale John, Washington st.	Waterman William E. Aspinwall av.	Whitten Geo. W. with Mrs. C. Goddard.
Truesdale Samuel, with A. Davis.	Waterson William, Brookline av.	Wigham Dennis, Pearl st.
Trumbull Charles, Boylston st.	Watson John M. Brighton st.	Wigham Robert, Pleasant st.
Tucker John, Washington st.	Watson Ephraim A. Boylston st.	Wiggin Arthur H. Andem pl.
Tufts James, with C. P. Bancroft.	Watson Robert J. Fay pl.	Wilkins Charles E. Harrison pl.
Turner Howard, Davis Court.	Weatherbee Winchester st.	Williams Arthur Jr. St. Paul st.
Tuttle Wyath P. Walnut st.	Weeks Benjamin, with P. Olsen.	Williams Henry H. Beacon st.
Tyler Henry C. Pleasant st.	Weinstein Rupert, White pl.	Willis Burt, Harvard st.
Tyler William R. Pleasant st.	Webb Stephen, Cypress st.	Willy Joseph, Washington st.
Tyler William R. Harrison pl.	Webber Charles F. Reservoir pl.	Wilson Alexander M. Harvard st.
	Welch Bernard, Walter av.	Wilson Charles, Fay pl.
Utley Charles H. St. Paul St.	Welch James, with S. D. Bennett.	Wilson James, Harvard st.
	Wellington Avery, Cypress st.	Wilson John, with Mrs. J. Taylor.
Vaughan George D. Walnut st.	Wellman Arthur G. Linden pl.	Wilson William E. Colonnade block.
Verney Osavius, Washington st.	Wellman Frank L. Linden pl.	Winand Touissant, Brighton av.
VonArnim Otto D. Prospect st.	Wells J. Walter, Colchester st.	Winslow Andrew J. Harvard st.
Voyer Henry, Juniper st.	Wesselhœft George P. School st.	Winsor Ernest, Walnut st.
	Wetmore Sidney, Dudley st.	Winsor Walter F. Walnut st.
Waldo Clarence H. Cypress pl.	Wilson Richard M. High st.	Winters James, Boylston st.
Waldo Lincoln, Cypress pl.	Whall Patrick, Pearl st.	Wood F. Lyman, Linden pl.
Waldron William, Brookline av.	Wharton Joseph, with J. Morlock.	Wood Rufus K. Babcock st.
Ward Thomas, Pearl st.	Whipple Charles K. Monmouth st.	Wood William H. H. Harvard st.
Ward James H. Warren st.	White Andrew, Walter av.	Woodbury Albert F. with G. W. Bird.
Ward Jamas H. Jr. Warren st.	White Charles K. Monmouth st.	Woodbury William P. Washington st.

POLL TAX LIST—CONTINUED.

NAMES AND RESIDENCES.	NAMES AND RESIDENCES.	NAMES AND RESIDENCES.
Woodruff James D. with G. Armstrong.	Woods Michael, Juniper st.	Young Edward, Prospect st.
Woods Albert H. Washington st.	Woodward Arthur S. Boylston st.	Young John W. Heath st.
Woods Alexander, Pearl st.	Wright George F. Beacon st.	
Woods John S. Cypress st.	Wright William L. Beacon st.	

LIST OF RESIDENTS ASSESSED MORE THAN POLL TAX FOR 1878.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Abercrombie William H. Linden pl.	2 00	500	House 5000, stable 500, land 17700 ft. 6500	12000	153 25
Abbott John C. Harvard st	2 00	7500	House 6000, stable 500, billiard hall 500, land 48000 ft. 13000.	20000	334 75
Abbott Catharine A. Vernon st			House 3200, land 8072 ft. 2000	5200	58 08
Adams George, heirs of, Pleasant st.	2 00		House 2000, stable 400, land 30000 ft. 5500	7900	95 59
Adams Benjamin F. Marion st	2 00	10000	House 6000, stable 300, land 23518 ft. 8000	14300	296 03
Allen Samuel S. Monmouth st	2 00	2000	House 4500, land 19500 ft. 7000	11500	163 35
Allen Philip S. Greene st	2 00	1000	House 4000, stable 600, land 15438 ft. 2500, land Walter av. 4221 ft. 900, land Babcock st. 13289 ft. 1800.	9800	132 68
Allen Edward F. Prospect st	2 00	300			5 63
Allen Rufus S. Dudley st	2 00		House 2000, stable 100, land 44337 ft. 1800	3900	47 19
Amory Arthur, Prescott st	2 00	3000			36 30
Amory Robert, Colchester st	2 00	10000	House 7000, stable 500, land 35724 ft. 13000, house 7000, land 35546 ft. 11500.	39000	594 90
Amory Charles W. Powell st	2 00	28000			340 80
Amory James S. Warren st	2 00	50000	House 5500, stable 1200, greenhouse 1500, land 19 acres 17000.	25200	911 92
Amory Mrs. James S. Warren st		100000			1210 00
Amory Frederick, Warren st	2 00	12000			147 20
Amory Harcourt, Warren st	2 00	7500			92 75
Amory Augustine H. Warren st	2 00	7500			92 75
Amory James S. guardian of M. A. Greene.		50000			605 00
Amory James S. guardian of Margaret Greene.		50000			605 00
Amory James S. and Charles, trustees of Caroline McCurdy.		4500			54 45
Ames Seth, Colchester st	2 00	18000	House 8000, land 21780 ft. 8700	16700	421 87
Andrews Sidney, Vernon st	2 00	500	House 3500, land 6778 ft. 1600	5100	69 76

Andros Mrs. R. S. S. Winchester st.			House 3200, land 13600 ft. 2400	5600	67	76
Armstrong George W. Marion st..	2 00	2500			32	25
Armstrong Mrs. Louisa M. Marion st			House 6000, stable 1000, land 34490 ft. 9500	16500	199	65
Aspinwall William, Washington st.	2 00	1000	House 3000, stable 400, land 11 1-4 a. 45000, land in rear 20 a. 40000, do. south side Washington st. 9 7-8 a. 22000, orchard 7 2-3 a. 19000, mowing adjoining south side Washington st. 7 3-8 a. 19000, upland Aspinwall av. between Harvard st. and private way to Linden pl. 3 1-2 a. 154628 ft. 34500, do. between private way and Stedman 34264 ft. 6800, do. from Stedman to R. R. 170834 ft. 20000, do. west side Toxteth st. 41250 ft. 7500, do. east side do. and north side Aspinwall av. 234726 ft. 30000, marsh west of Brookline R. R. 4 8-10 a. 6000, do. east of do. 5 8-10 a. 10000, upland do. 61022 ft. 4000, marsh Pearl st. 15000 ft. 2300.	269500	3275	05
Aspinwall William, tr. for his children		6000			72	60
Aspinwall Mrs. William, by Charles D. Head, trustee.		6000			72	60
Aspinwall William, Bowditch & Barret, trustees.		36200	Lots 1 and 2 north side Aspinwall av. 22289 ft. 6500, do. 16 Toxteth st. 19106 ft. 3200, do. 18, 19 and 20 Francis st. 68513 ft. 7000, do. 22, 23, 24, 25 part 26 Kent st. 125445 ft. 18000, marsh south by heirs of T. Aspinwall 1 1-2 a. 2700, do. south by Muddy River intersected by R. R. 5-8 a. 1100, lot Francis st. west by Moore 18025 ft. 5000.	43500	964	37
Atkinson Edward, Heath st.....	2 00	13000	House 7500, stable 1200, root house 300, house lot 1 1-2 a. 3700, school house Walnut st. 800, lot 2200 ft. 400.	13900	327	49
Atkinson George, Walnut st.....	2 00	7000			86	70
Babcock Lucy, estate of.....		5000			60	50
Bachelder Charles W. Prospect st..	2 00		House 2500, stable 300, land 1-8 a. 3000.....	5800	72	18
Bachelder Josiah G. Kent st.....	2 00	5000	House 6000, stable 800, land 31287 ft. 10200.....	17000	268	20
Bacon Francis H. Washington st..	2 00	2000			26	20

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Bacon Thomas H. Park st	2 00	3300	House 5000, land 51178 ft. 6500	11500	181 08
Baker Benjamin F. Cypress st	2 00		House 2800, land 10000 ft. 3000, paint shop 200, stable 800, shop and stable lot 8075 ft. 4000, house lot 49 Vernon st. 12000 ft. 3000.	13800	168 98
Baker James, Newton st	2 00	500			8 05
Bancroft Charles P. Cypress pl	2 00	1000	House 5000, stable 600, land 30858 ft. 7000	12600	166 56
Barry William, Brighton st	2 00		House 200, land 1-4 acre 500	700	10 47
Barry Michael, Boylston st	2 00		House 300, land 1-2 acre 400	700	10 47
Barnet Mrs. Robert, Heath st			House 4500, stable 500, land 2 acres 5000	10000	121 00
Barnard William, estate of			House 1600, barn 100, shop 100, land 1-8 acre 3000	4800	58 08
Barrett James, Sewall pl	2 00		House 300, land 1000 ft. 100	400	6 84
Barrett Patrick, Brookline av	2 00		House 200, land 2404 ft. 500	700	10 47
Beals James H. Park st	2 00	2800	House 7000, stable 1000, land 66375 ft. 16000, mowing lot Harvard st. 13 a. 38000.	62000	786 08
Beals & Jones, High st			House Davis av. 1500, land 2818 ft. 600	2100	25 41
Beatty James, Brookline av	2 00		House by self 600, do. by Conway 500, do. by Curry 400, land 4000 ft. 900.	2400	31 04
Bean John D. Davis av	2 00		House 4000, land 4658 ft. 1400	5400	67 34
Beck Frederick, Davis av	2 00	1500	House 5500, stable 400, land 3-4 a. 9500	15400	206 49
Beecher Luther F. Davis av	2 00	2000			26 20
Beecher Mrs. Mary E. Davis av			House 1800, land 3150 ft. 800	2600	31 46
Bellamy Mrs. William, High st		21200			256 52
Bellamy Mrs. William, guardian of John Bellamy.		3100			37 51
Bellamy Mrs. William, guardian of Elizabeth Bellamy.		3100			37 51
Bennett Mrs. Elizabeth L. Park st		70000	House 4500, stable 500, land 20100 ft. 4500	9500	961 95
Bennett Stephen D. Washington st.	2 00	24000	House 6500, stable 1500, land 108000 ft. 20000, land Cypress pl. 33713 ft. 5800.	33800	701 38
Bently David, Goodwin pl	2 00		House 3000, land 7500 ft. 3500	6500	80 65

Benton Austin W. Marion st	2 00	25000	House 6200, stable 1000, land 39135 ft. 11000	18200	524	72
Berry James, Kent st	2 00		House 6500, stable 800, land 24587 ft. 8500	15800	193	18
Binney Amos R. Park st	2 00	500	House 1200, stable 200, land 6750 ft. 1500	2900	43	14
Bird Albert, Webster st	2 00	2500	House 2700, land 9998 ft. 2600	5300	96	38
Bird Harrison, Harvard st	2 00	45000	House 6000, stable 500, land 66646 ft. 25000	31500	927	65
Bird George W. Washington st	2 00	3000	House and store by self 4500, do. adjoining 1500, store and house lots 2304 ft. 3000, 2 dw. houses Davis ct. 2800, 5 do. in rear 4500, house and block lot 9400 ft. 4500.	20800	289	98
Bird John A. estate of		44800	House 7000, stable 1000, land 126000 ft. 16000	24000	832	48
Bird William 2nd, estate of		36000	House 5500, stable 600, cottage 500, land 17000	23600	733	26
Bishop Robert, Linden pl	2 00	2500	House 4500, stable 800, shed 100, land 18000 ft. 4000	9400	145	99
Blaney James M. Dudley st	2 00	55000	House 7500, land 12592 ft. 4500	12000	812	70
Blake George B. heirs of			House 9000, stable 1500, greenhouse 500, land 25 3-4 acres 120000.	131000	1585	10
Blake Stanton, Washington st	2 00	75000			909	50
Blake Arthur W. Washington st	2 00	50000			607	00
Blake Miss Anna S. C. by tr. Washington st.		70000			847	00
Bogman George E. Harvard st	2 00		House 2700, land 8263 ft. 4000	6700	81	07
Bolles M. Shepherd, Park st	2 00	2000			26	20
Boody James H. Gorham av	2 00	300	House 2000, land 6985 ft. 1400	3400	46	77
Bond Anthony H. non-res			House Juniper st. 2000, land 3600 ft. 800, house Flora st. 1200, land 4584 ft. 900, lot 51 Flora st. 11889 ft. 1900.	6800	84	78
Bond John S. Marion st	2 00	400			6	84
Bowditch William I. Tappan st	2 00	27000	House 10000, stable 1000, cottage 600, land 13 1-2 a. 25000, double house Walnut st. 5000, land 10640 ft. 1700, land Kent st. formerly Merrill 38182 ft. 7000.	50300	937	33
Bowditch William I. et al. trustees for Thorndike heirs.		13000			157	30
Bowditch William I. tr. for Higginson, Channing et al.		2500			30	25

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Bowditch William I. tr. for Nancy F. Barstow.		42700			516 67
Bowditch Mrs. Elizabeth B.....		15000	House 15000, stable 3500, greenhouse 1000, land 6 2-3 a. 25000, house Fairmount 1000, land 1-4 a. 1000.	46500	744 15
Bowditch Mrs. Elizabeth B. by J. I. Bowditch et al. trustees.		800000			9680 00
Bowker & Lyon, Thayer pl.....			Double house 1000, house by Brown 800, land 5138 ft. 1500.	3300	39 93
Bowles Martin L. St. Paul st.....	2 00	500			8 05
Bowen Patrick W. Boylston st....	2 00	300	Double house 1400, land 1568 ft. 500, blacksmith shop 400, land 2818 ft. 900, house White pl. 600, land 3096 ft. 800, block Juniper st. 3700, land 7200 ft. 1700, house Babcock st. 3500, land 19053 ft. 3000.	16500	205 28
Boynton George F. Washington st.	2 00	1500			20 15
Bragdon Mrs. Julia A. Marion st..			House 4500, stable 200, land 21434 ft. 4200.....	8900	107 69
Braman Joseph B. Harvard st.....	2 00	2000			26 20
Brackett J. Lewis, Pleasant st.....	2 00	1000	House 3500, land 13424 ft. 3200.....	6700	95 17
Brett Zenas F. Harvard st.....	2 00	1000	House 5000, stable 500, land 17500 ft. 5000.....	10500	141 15
Briggs Henry P. High st.....	2 00	1000			14 10
Briggs Richard, non-res. Hawes st.			House 5000, land 69571 ft. 24500.....	29500	356 95
Brodhead Daniel D. Boylston st...	2 00		House 3000, stable 200, land 31000 ft. 7000.....	10200	125 42
Bronson John T. Harvard st.....	2 00	1000			14 10
Brooks George, Harvard st.....	2 00	3000	House 5500, land 33555 ft. 9500.....	15000	219 80
Brooks George, executor.....			Woodland Heath st. 9 a. 800.....	800	9 68
Brookline Gas Light Co.....		160000	Gas works and office 20000, land 60475 ft. 36000, land Pearl st. 3000 ft. 1000, coal shed &c. 2000, marsh rear 23221 ft. 6000, gas holder and buildings Washington st. 30000, land 37494 ft. 6000, house Washington st. 1200.	102200	3172 62
Brown John, Washington st.....	2 00		House and shop cor. Villa lane 400, land 2054 ft. 800	1200	16 52

Brown Brothers, Washington st...		1500			18	15
Brown George F. Winchester st...	2 00	2500	House 4500, stable 600, land 20000 ft. 3600.....	8700	137	52
Brown Howard N. Walnut st.....	2 00	1000			14	10
Brown Joseph T. Clyde st.....	2 00	7800	House 9000, stable 1500, land 22 a. 7600.....	18100	315	39
Brown Mrs. Jane, Walnut st.....			House 1000, land 1-4 a. 4000.....	5000	60	50
Brown Thomas S. Harvard st.....	2 00		House 2500, stable 1500, land 11956 ft. 7800.....	11800	144	78
Brown Thomas S. & Cyrus H.....			House cor. Harrison pl. 8000, land 26527 ft. 19000..	27000	326	70
Brown William S. Walnut st.....	2 00	500			8	05
Bruce Frank, non-res. Washington st		200			2	42
Buckingham Edwin B. Essex st...	2 00	12000			147	20
Burdett Horatio S. Harvard av....	2 00	6000	House 9000, stable 1000, land 29543 ft. 6500.....	16500	274	25
Burdett Horatio S. trustee.....			House by Mabie 2800, land 13950 ft. 3000.....	5800	70	18
Burke Martin, Brighton st.....	2 00		House 400, land 39229 ft. 2000.....	2400	31	04
Burt Solomon, Washington st.....	2 00	800			11	68
Burt Mrs. Solomon, Washington st.			House by self 1500, do. in front on Washington st. 2300, land 4461 ft. 4400, house White pl. 700, land 1-16 a. 800; stable Linden Place ct. 100, land 1386 ft. 300.	10100	122	21
Burton Hazen J. Jr. Prospect st. Corey Hill.	2 00		House 2700, stable 500, land 14000 ft. 1700.....	4900	61	29
Bush Samuel L. Beacon st.....	2 00	3500			44	35
Bush Mrs. Emma B. Beacon st....			House 7000, land 39000 ft. 17000.....	24000	290	40
Buzzell John C. Harvard st.....	2 00	800			11	68
Byrnes Patrick, Brighton st.....	2 00		House 1000, land 27000 ft. 1200.....	2200	28	62
Cabot Edward C. High st.....	2 00	10000	House 4500, stable 200, land 4 1-2 a. 10000.....	14700	300	87
Cabot Mrs. Eliza, Warren st.....		90000	House 16000, stable 3000, barn 500, greenhouse 1500, do. 1000, vegetable house 1000, barn 300, farm-house 600, do. Clyde st. 800, garden and mowing-land 31 a. 40000.	64700	1871	87
Cabot Francis, Heath st.....	2 00	10000	House 5500, stable 1000, land 4 a. 8500.....	15000	304	50
Cabot Francis & W. I. Bowditch, tr.			Dwelling house cor. High and Summer sts. 2500, house lot 10500 ft. 2500.	5000	60	50
Cabot J. Eliot, Clyde st.....	2 00	15000	House 6000, stable 800, land 4 a. 6000.....	12800	338	38
Cabot Mrs. Marianne, Edge Hill road		40000	House 5000, land 19858 ft. 4500.....	9500	598	95

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Cabot John H. Edge Hill road	2 00	14000			171 40
Cabot Mary E. Edge Hill road		7000			84 70
Cabot Walter C. Heath st	2 00	45000	House 20000, farm-house and stable 2500, barn 1200, gymnasium 500, land 24 a. 32000.	56200	1226 52
Caffly Thomas, Brighton st	2 00		House 200, land 2552 ft. 200	400	6 84
Candage R. G. F. Harrison st	2 00	3000	House 4500, stable 500, land 21220 ft. 8500	13500	201 65
Candler Mrs. High st		6000			72 60
Candler John W. High st	2 00	20000	House 8500, stable 700, land 77337 ft. 23000, house lots 6 and 7 Edge Hill road 19069 ft. 4000, pasture Brighton st. next Henderson .247 a. 2000, do. E. side Brighton st. formerly Fisher 6.834 a. 12000.	50200	851 42
Candler J. W. & C. O. Foster			House Chestnut st. 4000, stable 400, cottage 300, land 7 a. 307273 ft. 18000.	22700	274 67
Cantwell John, Morss av	2 00		House 2000, land Kimball pl. 3600 ft. 1200	3200	40 72
Cantwell Nicholas, Boylston st	2 00		House 1200, land 2901 ft. 900	2100	27 41
Carmody Mrs. Mary, Brookline av			Block 3 tenements 500, land 3661 ft. 700	1200	14 52
Carr Henry W. estate of			House by Chester 3000, stable 400, house by Newell 2500, land 3-4 a. 33601 ft. 6200, land to house by Newell 11500 ft. 2200.	14300	173 03
Carpenter George N. Harrison pl	2 00	500			8 05
Carroll Martin, Hammond st	2 00		House 500, land 28000 ft. 600	1100	15 31
Carroll Walter, Cypress st	2 00		House 1100, land 3350 ft. 600	1700	22 57
Cate Isaac N. Heath st	2 00	4600			57 66
Chadbourne Isabella P. Pleasant st.		10000		14800	300 08
Chamberlin Thomas, est. Beacon st.			House 2000, stable 300, land 5 a. 8000	10300	124 63
Chandler Theophilus P. Washington st.	2 00		House 5000, stable 1500, land 96816 ft. 19000	25500	310 55
Chapin Nathaniel G. Walley av	2 00	2000			26 20
Chaplin Charles C. Colonnade block	2 00	1500			20 15
Chaplin William B. Beacon st	2 00	1200	House 1500, stable 1200, land 18750 ft. 6800	9500	131 47

Chase Charles, Washington st	2 00	1500	House 3700, stable 1500, house lot 4209 ft. 3000, stable lot 5045 ft. 3500.	11700	161	72
Chase Charles G. St. Paul st	2 00	9000	House 8500, stable 1000, land 29000 ft. 8000, house lot E. side St. Paul st. 17000 ft. 3700.	21200	367	42
Chase H. Lincoln, Auburn st	2 00	6000	House 5000, stable 800, land 39864 ft. 9500	15300	259	73
Chase Henry S. Alton st	2 00	12000	House 6500, stable 1200, land 73134 ft. 17000	24700	446	07
Chase Reuben A. Holden st	2 00		House 2500, stable 200, land 4720 ft. 2400, brick store Washington st. 4000, land 1800 ft. 2400, brick store and house do. by self and others Washington st. 6800, land 1910 ft. 2400.	20700	252	47
Chase William L. Monmouth st	2 00	1000			14	10
Cheney Alfred A. Washington st	2 00	2000			26	20
Church Ephraim M. est. Harvard st			House 1600, land 6868 ft. 3000	4600	55	66
Clapp J. Wilkinson, St. Paul st	2 00	1000	House 4200, land 9595 ft. 2800	7000	98	80
Clark Amasa, Harvard st	2 00	2000			26	20
Clark Edwin, Searle av	2 00		House 3000, land 3602 ft. 1000	4000	50	40
Clark Henry N. Kent st	2 00	500			8	05
Clark J. Mitchell, Ivy st	2 00	1000			14	10
Clark Samuel, Walnut st	2 00		House 6000, stable 400, land 23500 ft. 4000, land Cypress st. 2 3-4 a. 114074 ft. 15000, lot Gorham av. 26805 ft. 5000.	30400	369	84
Clark Samuel & Mira M			House Chestnut st. by Cutler 1500, land 1 1-8 a. 6500, land Walnut st. place rear of Perrin 10000 ft. 1000.	9000	108	90
Clark Sarah D. Warren st		8000			96	80
Clark Sarah D. & Susanna B. R. Warren st.			House 2000, stable 300, land 2 a. 3600, land Heath st. N. W. and S. W. by Newton line 14 a. 1400.	7300	88	33
Clark Susanna B. R		8000			96	80
Clements Thomas W. Colonnade bl.	2 00	1000			14	10
Cobb Albert A. Walnut st	2 00	18000	House 7500, stable 1000, land 200000 ft. 25000	33500	625	15
Cobb Roscoe A. Davis av	2 00	1000	House 2800, stable 400, land 11917 ft. 2300	5500	80	65
Cochran Joseph, Houlihan av	2 00		House 600, land 4176 ft. 300	900	12	89
Codman James M. Warren st	2 00	25000			304	50
Collins Henry, Washington st	2 00			4300	54	03
Collins Lucy A. Washington st			House 4000, land 4567 ft. 3400	7400	89	54
Collins & Dyer, Harvard st		1000			12	10

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Collins James, Walter av	2 00		House 1800, land 4344 ft. 900	2700	34 67
Conant Joshua, Washington st	2 00	15000	House 3000, stable 300, land 10535 ft. 9000, house lot in rear Thayer pl. 13947 ft. 4000.	16300	380 73
Conant Nathaniel, Washington st.	2 00	500	House by Wesselhœft 5000, land 2500 ft. 2500, house by Paine 5000, land 2800 ft. 2800, land adjoining 297 ft. 200, store Washington st. by Miss Swift 3500, land 2603 ft. 3300.	22300	277 88
Conner John, Walter av	2 00		House 400, land 3600 ft. 800	1200	16 52
Conry Margaret, Brookline av			House 500, land 1-16 a. 500	1000	12 10
Conway Mrs. Andrew, Pearl st			House 800, do. in court 800, land 1-8 a. 1200	2800	33 88
Conway John, Brookline av. E. side	2 00		House 700, land 1700 ft. 700	1400	18 94
Cooley William H. Marion st	2 00	500	House 5700, double do. 7500, land 30074 ft. 6000	19200	240 37
Coolidge David, est. of, Harvard st.		11000	House 1500, carriage house 200, land formerly O. Shepherd 181586 ft. 8500.	10200	256 52
Coolidge David S. Harvard st	2 00	15000	House by self 2800, barn 400, house in rear 100, land 11 5-8 a. 22500, house by H. S. Coolidge 3500, land 8952 ft. 800.	30100	547 71
Coolidge David S. et al			Store and house by W. D. Coolidge 6000, stable 500, land 18848 ft. 8500.	15000	181 50
Coolidge Francis H. et al			Barn Harvard st. 200, land adjoining land of D. S. Coolidge 7 a. 15000.	15200	183 92
Coolidge Henry S. Harvard st	2 00	500			8 05
Coolidge William D. Harvard st	2 00	5000	House Beacon st. by Wright 3700, stable 300, unfinished house 5500, land 37830 ft. 12000.	21500	322 65
Copeland Milton J. Sewall av	2 00	600			9 26
Corey Miss Abby J. Prospect st		1000			12 10
Corey Timothy, Washington st	2 00	40000	House by self 2200, stone house 2500, farm house 700, barn 300, do. 300, land 41 1-2 a. 80000.	86000	1526 60
Cotting Charles U. Hawes st	2 00	25000	House 8500, stable 1000, land 83244 ft. 32000, land S. side Beacon st. 30000 ft. 4500.	46000	861 10

Cotton Joseph H. est. of, Kent st		80000			968	00	
Cotton William C. Kent st	2	00	10000			121	00
Cousens Brothers, Brighton av			Double house 4000, land 6153 ft. 1800	5800	70	18	
Cousens Oliver, Prospect st	2	00		House by self 2000, stable 200, land 5000 ft. 1500, house cor. Prospect & School sts. 3200, land 3500 ft. 1200, house rear of Harvard st. by Mrs. Donovan 2000, land 2270 ft. 400.	10500	129	05
Cowan Mary A. Clyde st			Half dwelling house by self 600, land 158817 ft. 3500	4100	49	61	
Cowan George H. Clyde st	2	00		Land Clyde st. 132396 ft. 3200, swamp 2 1-10 a. 300.	3500	44	35
Cowley Susan R. School st			House 1500, land 1-8 a. 1600	3100	37	51	
Craft E. S. & E. H		8800			106	48	
Craft George, Grove st	2	00	1500	House 4000, stable 600, land 64.44 a. 15000, between Grove & South sts. swamp 5 a. 700.	20300	265	78
Crain Frank E. Washington st	2	00	2000			26	20
Crane Joshua, High st	2	00	2000	House 4000, stable 800, land 14488 ft. 4000	8800	132	68
Crane Lewis M. Harvard av	2	00	2000	House 6000, stable 1000, land 22462 ft. 6000	13000	183	50
Creesy Elizabeth P. Longwood av			House 6000, stable 600, land 12744 ft. 3600	10200	123	42	
Creesy Leonard F. Longwood av	2	00	2000			26	20
Crocker Ariel B. Webster pl	2	00	500			8	05
Crosby Mrs. Patrick, Brookline av			House Emerald st. 1100, land 1900 ft. 800, house in rear 500, land 5000 ft. 1500.	3900	47	19	
Cullinane Dennis, Oak st	2	00		House 400, land 13552 ft. 300	700	10	47
Cullinane James, est. of, Pearl st			House 100, land 1-16 a. 500	600	7	26	
Cullinane Michael, Pearl st	2	00		House 400, land 800 ft. 200	600	9	26
Cummings Mary, White pl			House 1200, land 3325 ft. 800	2000	24	20	
Cummings Michael, Andem pl	2	00	1000	Stable stock 1000		14	10
Cumstock Lucy D. Harvard st			Land Tappan st. S. by Tappan st. W. by P. S. Davis' heirs 104152 ft. 7300, do. S. side Tappan st. bet. Sam'l C. Davis and heirs of R. S. Davis 98002 ft. 8000.	15300	185	13	
Cunneen Thomas, Warren st	2	00		House 400, land 15280 ft. 400	800	11	68
Cunningham Frederick, Ivy st	2	00	3000			38	30
Curley James H. Washington st	2	00	100	House and shop 1800, land 1639 ft. 1400	3200	41	93
Currier Caroline P. Walnut st			House 3000, land 5175 ft. 1300	4300	52	03	
Currier Warren G. Washington st	2	00	1500	House and shop 6000, land 1961 ft. 2400	8400	121	79

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Curry Cadwalader, Walnut st	2 00	500			8 05
Curry Thomas, Pearl st	2 00		House 300, land 400	700	10 47
Curtis Helen M. St. Paul st			House 4500, land 22123 ft. 5500	10000	121 00
Curtis Thomas E. Longwood av	2 00	45000	House 8000, land 13650 ft. 4000	12000	691 70
Curtis & Co. Harvard st		500			6 05
Cushing George S. Boylston st	2 00		House 3500, land 5-8 a. 4500	8000	98 80
Cushing Ira B. Harvard st	2 00	500			8 05
Cushman Albert, Aspinwall av	2 00	500	House 2800, land 8761 ft. 2200	5000	68 55
Cushman Edward F. Harrison pl	2 00		House 4200, land 6000 ft. 2700	6900	85 49
Cusick Andrew J. Boylston st	2 00		House 1200, land 2979 ft. 900	2100	27 41
Cusick Ann, Brookline av			House 200, land 500	700	8 47
Cusick Michael, Washington st	2 00		House 600, do. in rear 200, land 1-8 a. 2600	3400	43 14
Cutler Abraham L. Chestnut pl	2 00		House 5500, stable 600, land 6400 ft. 4500	10600	130 26
Dana Denison D. Freeman st	2 00	5000	House 8500, stable 1200, land 18725 ft. 4000	13700	228 27
Dana Denison D. trustee		7300			88 33
Dana Mrs. H. F. by tr. Warren st		5900			71 39
Dane Edward S. Kent st	2 00	15000			183 50
Daniels David H. Washington st	2 00	3500	House 5300, land 6132 ft. 4200, do. in Goodwin pl. 3850 ft. 2600.	12100	190 76
Darracott Franklin, Harvard av	2 00	2000			26 20
Darracott Mrs. Julia M. Harvard av			House 5000, land 6068 ft. 2000	7000	84 70
Davenport Miss Betsey, Beacon st		5000			60 50
Davis Albert, Goddard av	2 00	2000			26 20
Davis Mrs. Maria J. Goddard av			House 2500, stable 800, land 159898 ft. 4800	8100	98 01
Davis Benjamin B. estate of			House Davis av. 4000, stable 600, land 40465 ft. 16000	20600	249 26
Davis Carrie E. Cypress pl		11100			134 31
Davis Lucy S. Cypress pl		11100			134 31
Davis Sarah C. Cypress pl		11100			134 31
Davis L. Shannon, Cypress pl	2 00	11100			136 31

Davis Mrs. Mary S. Cypress pl		33400	House 6000, stable 1000, land 76600 ft. 14000	21000	658	24
Davis Joanna, Brookline av			House 200, land 1700 ft. 300	500	6	05
Davis P. Stearns, heirs of			House Tappan st. 4000, stable 800, land 25172 ft. 3000, house lot N. side Tappan st. bet. Bowditch and Lucy Cumstock 156234 ft. 13000.	20800	251	68
Davis Robert S. heirs of			Double house Washington st. 3000, land 10575 ft. 10000, lot S. side Tappan st. W. by Bowditch 160085 ft. 6000, do. bet. Rogers and Cumstock 71455 ft. 6500.	25500	308	55
Dawes George G. Boylston st	2 00	500	House 4000, land 1-4 a. 1800	5800	78	23
Dea Morris, Boylston st	2 00		House 1400, land 3225 ft. 1000	2400	31	04
Dearborn William, Walnut pl	2 00		House 5000, land 51716 ft. 10000, stable 300, house Harvard st. by Marvin 4500, land 11000 ft. 4500, house by Edwards 2800, land 4000 ft. 1800, double house Harvard st. formerly O. Cousens' 3500, land 3500 ft. 1500, double house Harvard pl. 800, land 3550 ft. 1500, double house School st. 2000, land 3500 ft. 1400.	39600	481	16
Delano Charles E. and Clarence A. Washington st.			House lot Juniper st. 3214 ft. 800	800	9	68
Delano Oliver B. Washington st	2 00		House by self 2800, shop 600, block in rear four tenements 4400, land 13478 ft. 9500.	17300	211	33
Dennie Edward M. Washington st.	2 00	1000			14	10
Denny Emily P. by tr. Newton st		700			8	47
Denny Emily P. by guardian		700			8	47
Denny Francis P. est. of, Newton st.		2000	House by Mrs. Denny 12000, stable 1200, land 52 a. 156000, farm house by Dow 1000, barn 600, small house N. side Newton st. 400, land 137 a. 16000.	46800	590	48
Devine Margaret, Sewall pl			House 200, land 1760 ft. 200	400	4	84
Dewes Joseph, Walnut pl	2 00	1000			14	10
Dexter George, Egmont st	2 00	26000			316	60
Dillon John, Brookline av	2 00		House 700, land 1-8 a. 1500	2200	28	62
Dimond William H. Boylston st	2 00		Double house 3000, land 6000 ft. 1800	4800	60	08
Doane Daniel, Linden pl	2 00	200	House 3800, stable 400, land 93150 ft. 11000	15200	188	34
Dockray George J. Davis av	2 00	2000			26	20

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Donahoe Thomas, Boylston st	2 00		House 1400, land 4200 ft. 1000	2400	31 04
Donovan James, Pearl st	2 00		House 200, land 1-16 a. 700	900	12 89
Donovan Jeremiah, Pearl st	2 00	100	House 600, stable 100, land 1-16 a. 700	1400	20 15
Dooley Mary, Washington st			House 600, land 1-16 a. 600	1200	14 52
Doran William, Ackers av	2 00	200	House 600, stable 200, land 2 a. 2500	3300	44 35
Dorr Nathan, Sewall av	2 00		House Juniper st. 2000, land 6889 ft. 1500	3500	44 35
Dow Charles R. Newton st	2 00	1000			14 10
Doyle Matthew, Boylston st	2 00		House 900, land 3546 ft. 1000	1900	24 99
Draper Charles H. School st	2 00	700	House by self 1300, land 1-16 a. 1000	2300	38 30
Draper Charles H. trustee			House School st. 1300, land 1-16 a. 1000	2300	27 83
Drew Charles H. Gorham av	2 00	2000			26 20
Driscoll James, Andem pl	2 00	5000	House by self 3600, do by M. Driscoll 1800, land 13500 ft. 6000, house Pearl st. 1000, do. 900, stable and shed 1000, block 1800, do. 1800, land 1-2 a. 8000, brick stable Washington st. 7000, house 400, stable 300, land 22853 ft. 9500, two house-lots Goddard av. 12144 ft. 500.	43600	590 06
Driscoll Jeremiah A. Washington st.	2 00	400			6 84
Driscoll Mrs. Timothy, Pearl st			House 400, land 2275 ft. 600	1000	12 10
Drohen Patrick, Sewall pl	2 00		House 400, land 1760 ft. 200	600	9 26
Dubois Edwin, Walnut st	2 00	1000			14 10
Duffly Daniel, Warren st	2 00	400	House Boylston st. 1200, do. adjoining 1800, land 6572 ft. 400, house lot Houlihan av. 2191 ft. 200, do. 13567 ft. 600.	4200	57 66
Duffly Daniel & James O'Hern			Land Houlihan av. 5000 ft. 300	300	3 63
Duffy Philip, Boylston st	2 00	3000	House by self 1700, land 2515 ft. 1100, house by Daly 1100, land 2614 ft. 1100, two blacksmith shops 2000, land 5300 ft. 2500, double brick house 2000, land 2800 ft. 900, block Brookline av. 1600, land 1-8 a. 2200, land Boylston st. 2000 ft. 700.	16900	242 79

Dunn Hugh, Sewall pl.	2 00		House 300, land 1760 ft. 200	500	8 05	
Dustin John, White pl	2 00	1000	House 800, land 1-16 a. 700	1500	32 25	
Dwyre Patrick, Sewall st.	2 00		House 300, stable 100, land 1924 ft. 400	800	11 68	
Dyer Thomas H. Gorham av.	2 00		House 2000, land 7056 ft. 1400	3400	43 14	
Eaton Mrs. Hannah A. Harvard st.		20000			242 00	
Edgerly James W. Irving st.	2 00	1000	House 8500, land 10037 ft. 4500, house Harrison pl. 1600, land 14726 ft. 4800.	19400	248 84	
Edmunds Edward, Summit av.	2 00		House unfinished 4000, land 6000 ft. 1000	5000	62 50	
Edmond James et al. trustees		20000			242 00	
Edwards Mrs. J. E. Longwood av.		1500			18 15	
Edwards Oliver, est. of, Beacon st.		5000	House 5000, stable 800, greenhouse 300, land 82723 ft. 10500.	16600	261 36	
Ellis Mrs. Helen T. Goddard av.		15000	House 5500, stable 800, gate-house 1000, land 32 a. 19000.	26300	499 73	
Ellis Mrs. Helen T. by W. Warren guardian.		10000			121 00	
Ellis Miss Effie		10000			121 00	
Ellis Charles M. estate of		4000			48 40	
Emerson Elijah C. Davis av.	2 00	23000	House by self 8000, stable 1800, cottage 1000, house Thayer pl. 1600, land 187546 ft. 36000, house Davis av. 3000, house lot and Thayer land 75479 ft. 15000, house Thayer pl. by Cook 1500, land 2800 ft. 1000, double house by Edgar 1500, land 3899 ft. 1300, double house S. side Davis av. 12000, land 13600 ft. 4000, land S. side Davis av. 55000 ft. 14000.	101700	1510 87	
Emerson Mrs. Susan, Fairmount.		2000			24 20	
Emerson William R. Walnut st.	2 00	3500			44 35	
Erhardt George, Washington st.	2 00	1000	House and shop 2800, land 1750 ft. 2100, house adjoining 2500, land 1467 ft. 1700.	9100	124 21	
Eustis William T. est. of			House 9000, stable 800, land 36922 ft. 9000	18800	227 48	
Eveleth Julius E. Pleasant st.	2 00	1000			14 10	
Everett George E. Warren st.	2 00	1500			20 15	
Everett & Co. G. E. Colonnade block.		1500			18 15	

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Fabyan George F. Summit av	2 00	40000	House 4500, stable 1800, land 132570 ft. 13000, house Prospect st. by Smith 5000, land 8355 ft. 1100, house do. by Richardson 5000, land 7315 ft. 1000, stable 400, land bet. Jones and Mayo 15790 ft. 1800, land cor. Prospect st. 39155 ft. 4500, land S. side Prospect 12660 ft. 1300.	39400	962 74
Farley James P. Jr. Colchester st.	2 00	1000			14 10
Farrar Alonzo, Egmont st	2 00	1000	House 9000, stable 800, land 20000 ft. 5000	14800	193 18
Fay Mrs. Clara A. Davis av			House 5000, land 14600 ft. 4500	9500	114 95
Fay Clement K. Linden pl	2 00	500			8 05
Fay Harrison, Linden pl	2 00		House 5500, stable 800, land 53100 ft. 14000	20300	247 63
Fay Harry F. Monmouth st.	2 00	1000			14 10
Fay Patrick, non-res. Boston		200			2 42
Ferguson John, Sewall av	2 00		House Juniper st. 1500, land 3690 ft. 800	2300	29 83
Ferris Mortimer C. Alton st	2 00	20000	House 23000, stable 1200, Bowling alley 300, land 115751 ft. 21000, house lot Harvard st. adjoining 40000 ft. 15000, rear lot 22273 ft. 2200.	62700	1002 67
Ferris Mortimer C. tr. for Peabody fund.		200000			2420 00
Ferris Lynde C. est. of		30000			363 00
Finney William, Harvard pl	2 00		House 1400, land 3850 ft. 800	2200	28 62
Fisher Mrs. Mary J. Boylston st.		10000			121 00
Fisher Francis heirs of			Land S. side Fisher Hill 15 3-8 a.	36000	435 60
Fitzgerald Desmond, Wash'n st.	2 00	4500	House lot Park st. 13941 ft. 3600	3600	100 01
Fiske Francis S. Monmouth st.	2 00	1000			14 10
Flannery Patrick, Houlihan av	2 00		House 800, land 5308 ft. 300	1100	15 31
Fitzpatrick Michael, Reservoir pl.	2 00		House 300, land 28866 ft. 300	600	9 26
Flint Misses C.L. & E.H. Perry st.		12500			151 25
Floyd Edward E. Linden pl	2 00	20000	House 7500, stable 1000, land 38787 ft. 21000	29500	600 95

Foster Samuel est. of			House by Brown 1800, stable 100, land 1-4 a. 10000 ft. 4500, house Washington st. 50, land 1-4 a. 4500, blacksmith shop 350, shop lot 1-4 a. 4500.	15800	191	18
Foster Charles O. Beacon st	2 00	20000	House 7000, stable 800, land 55000 ft. 12000, land Summit av. 91734 ft. 9500.	29300	598	53
Foster William H. Brighton av	2 00	1500	House 8500, stable 800, land 5 a. 21000	30300	386	78
Foxcroft Mrs. est. of, Harrison pl.		300	House 4000, stable 400, land 31115 ft. 9500	13900	171	82
Francis T. Eustis, Davis av	2 00	10000	House 4500, stable 500, house in rear 1500, land 40434 ft. 12000, brick block Flora st. 3000, land 4254 ft. 800, land Marion st. 26300 ft. 6700.	29000	473	90
Francis T. E. & A. Shurtleff, tr		11000			133	10
Frawley John, Brookline av	2 00		House 700, land 4090 ft. 800	1500	20	15
Frost Morrill, Vernon st	2 00	5000	House 7000, stable 500, land 25560 ft. 9500, land Babcock st. 22050 ft. 2800.	19800	302	08
Gallagher Dominick, Sewall pl	2 00		House 1000, land 3360 ft. 400	1400	16	94
Gallagher Terence, Pearl st	2 00		House 800, do. 800, land 1-8 a. 1800, lot Juniper st. 3600 ft. 800.	4200	50	82
Gallison Jefferson C. Harvard av	2 00	500			8	05
Gardiner Charles P. Clyde st	2 00	15000			183	50
Gardiner William H. Clyde st	2 00	140000	House 8500, stable 2500, shed 200, farm house 1200, barn 500, tool house 500, land 52 a. 35000.	48400	2281	64
Gardner Harrison, Colchester st	2 00	5000	House 5000, stable 1000, land 14500 ft. 5800	11800	205	28
Gardner John L. Warren st	2 00	350000	House 7500, farm house 1500, stable 1000, do. 500, greenhouse 1000, do. 300, land 24 1-2 a. 37000, house Dudley st. 4500, stable 300, land 1 a. 2500, house lots Fairmount 130098 ft. 4500.	60600	4970	26
Gardner Sarah J. Prospect st		13000			157	30
Garel Mary, Washington st		700			8	47
Geary Catharine, Boylston st			House 1000, land 3093 ft. 900	1900	22	99
Geddes James, Fairmount	2 00		Double house 3000, stable 500, house by Kendall 3000, stable 400, land 1 a. 2200.	9100	112	11
Getchell Morgianna S. Harvard st.			Land Harvard cor. Second st. 10050 ft. 1800	1800	21	78

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Gibbs John, Washington st.....	2 00	12500	House by self 2700, stable 400, land 10739 ft. 6500, lot adjoining 3000 ft. 2100, double house School st. 1600, land 7000 ft. 2100, house Washington st. 1500, do. cor. Cypress st. 1000, land 12709 ft. 7500, woodland and gravel bank Harvard st. 30 a. 100000.	125400	1670 59
Glancy Peter H. Chestnut st.....	2 00		House 900, land 11050 ft. 1400.....	2300	29 83
Gleason, Mrs. Hannah, Wash'n st.			House 500, land 1-16 a. 600.....	1100	13 31
Glennan Catharine, Sewall pl.....			House-lot 1715 ft. 200.....	200	2 42
Goddard Abijah W. Goddard av....	2 00	40000	House 4000, stable 800, tool house 100, old house 1200, barn 400, land 9 1-2 a. 7000, land including streets Shackell's plan 26 3-8 a. 16000, woodland adjoining 7 a. 4200, swamp do. 9 a. 2000.	35700	917 97
Goddard A. W. & S. Little tr.....		12000			145 20
Goddard Mrs. Catharine, Boylston st		27000	House 4500, stable 600, farm house 800, two barns 300, land 25 a. 42000, woodland Newton st. 8 a. 800.	49000	916 60
Goddard Charles, Chestnut st.....	2 00	5300	House 3500, stable 100, land 81450 ft. 7500.....	11100	200 44
Goddard Benjamin, Walnut st.....	2 00		House lots Boylston st. 3 1-8 a. 9000.....	9000	110 90
Goddard Nathaniel and Benjamin..			House lots Boylston st. 3 1-8 a. 9000, do. formerly Bradley hill 5 1-2 a. 16500.	25500	308 55
Goddard Miss Julia, Warren st....		77300			953 33
Goddard Mehitable M. Warren st..		58000	House 4000, stable 600, land 2 a. 6000.....	10600	830 06
Goodsell John, Walter av	2 00		House 1700, land 3600 ft. 800.....	2500	32 25
Goldsmith George W. Wash'n st..	2 00	2800	House and shop 2200, lot 2400 ft. 2400, house Clyde st. 300, land 3 a. 3000, barn 100, swamp adjoining 3 1-4 a. 1000, house Clyde st. by Hastings 600, house Walnut st. 2000, stable 500, land 25000 ft. 8500.	20600	285 14
Gooding Josiah, Harvard st.....	2 00	52000	House 6500, stable 800, land 26000 ft. 10000.....	17300	840 53
Goodnough George W. South st...	2 00	1000	House 200, barn 200, do. 100, land 58 a. 9000.....	9500	129 05

Goodnough Xanthus, South st	2 00	1000	House 1200, stable 700, barn 200, land 26 a. 8000	10100	136	31
Goodnow Asa, Linden pl	2 00	2500	House 5500, stable 600, land 42000 ft. 11000	17100	239	16
Goodspeed Martha R. Marion st				11800	142	78
Goodwin W.A. & A. J. Wash'n st			House 3000, stable 600, land 7500 ft. 3500, house Searle av. 3800, land 3305 ft. 900, carpenter shop 600, land 3029 ft. 3300.	15700	189	97
Goodwin Frank, Monmouth st	2 00	500			8	05
Gove Arthur B. Avon st	2 00	11000	House 6000, stable 900, land 72420 ft. 2800, land adjoining Shackel 31541 ft. 900.	10600	263	36
Green Henry A. Essex st	2 00	3000			38	30
Green Joseph F. Pleasant st	2 00	3000	House 4500, land 30857 ft. 6500	11000	171	40
Green Benjamin H. and George F. Marion st.			House 4000, land 7278 ft. 2200	6200	75	02
Greene William B. est. of		30000			363	00
Greene Mrs. William B. by trustee		50000			605	00
Greenough James	2 00	1000			14	10
Gregory Samuel H. Ivy st	2 00		House 6500, land 13720 ft. 6000	12500	153	25
Griffin Michael, Washington st	2 00		House 800, do. 800, land 4900 ft. 1600	5700	70	97
Griggs George, Harvard st	2 00	10000	Woodland Hammond st. 12 a. 1500, do. Newton and Heath sts. 9 1-2 a. 900, do. S. side Heath st. 5 a. 400, do. do. 3 a. 200, do. N. side do. 6 3-8 a. 1000, do. Heath and Newton sts. 19 a. 1000, do. Newton st. 20 1-2 a. 1500.	6500	201	65
Griggs George & J. H. Cary			Woodland rear Heath st. 500	500	6	05
Griggs Thomas, Washington st	2 00	55000	House by self 3000, stable 400, land 4 a. 23000, house by T. B. Griggs 3200, stable 500, house rear 500, land 13 a. 25000, house Harvard st. W. J. Griggs 3700, stable 500, land 13 a. 78000, omnibus stable Winchester st. 100, lots Winchester, Beacon, Harvard and Summit sts. 21 a. 75000, house by Getchell 3500, land 9000 ft. 1800, house by Smith 4500, stable 600, land 19800 ft. 3300, land formerly of Carnes 32000 ft. 5000, woodland Heath and Newton sts. 7 a. 700.	232300	3478	33
Griggs Thomas B. Washington st	2 00	28000			340	80

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Griggs William J. & Thomas B			Woodland Heath and Newton sts. 800	800	9 68
Grogan Richard H. St. Mary st	2 00	300	House 1500, land 3600 ft. 1000	2500	35 88
Gross Willard Y. Cypress st	2 00		Block 4 tenements School st. 4000, land 4002 ft. 1400.	5400	67 34
Guild Benjamin heirs of, Walnut pl.			House 4500, stable 500, land 130000 ft. 20000	25000	302 50
Guild Elizabeth Q. Walnut pl		7000			84 70
Guild Harriet J. Walnut pl		7000			84 70
Guild J. Anson, Elm pl	2 00		House 4000, stable 400, greenhouse 200, land 1 1-3 a. 15000, block stores Washington st. 10000, land 8426 ft. 10500.	40100	487 21
Halfenstine Adam, White pl	2 00		House by self 1000, land 3491 ft. 1000, do. S. side Boylston st. 1200, land 8475 ft. 2000, block cor. Fay pl. 6000, land 1800 ft. 1700.	12900	158 09
Hall Martin L. est. of, Park st		98400	House 8500, stable 1000, greenhouse 200, land 92308 ft. 21000, land Vernon st. 112301 ft. 9000, do. cor. Park st. 25690 ft. 6000.	45700	1743 61
Hall Mrs. Mary E. High st		30000			363 00
Hall Mrs. Mary E. by trustee		9600			116 16
Hall Samuel, High st	2 00	5000			62 50
Hall Thomas B. Ivy st	2 00	1500	House 4000, land 3 1-2 a. 20000	24000	310 55
Hall William F. Harvard av	2 00	5000			62 50
Hall Mrs. William F. Harvard av			House 5000, stable 500, land 69168 ft. 13500	19000	229 90
Hallett Russell, Walnut st	2 00	2000	House 2000, stable 300, land 27000 ft. 6300	8600	130 26
Hamilton Robert, Harrison pl	2 00	1000			14 10
Hand James B. Andem pl	2 00	800	House 2000, land 4536 ft. 1500, do. Boylston st. 1200, do. do. 800, do. Walnut st. 1600, do. do. 1900, house lots 5515 ft. 2000.	11000	144 78
Hanlan Ann, Brookline av			House 500, land 3225 ft. 700	1200	14 52
Hanlan James, Brookline av	2 00		House by self 400, do. by Tookey 400, do. by Hickey 400, do. by Doyle 100, land to do. 3000 ft. 700.	2000	26 20

Hardy Alpheus H. Linden pl	2 00	8300			102	43
Harmon David I. Newton st	2 00	100			3	21
Harrington Andrew J. Beacon st	2 00	2500			32	25
Harrington Mrs. Almira F., do. do.			House 5500, stable 300, land 14267 ft. 5000	10800	130	68
Harrington Charles F. Linden pl	2 00	1000			14	10
Harris Nathaniel, Vernon st	2 00	500	House 2800, stable 300, land 18000 ft. 4000	7100	93	96
Hazeltine William B. Chestnut st	2 00	2500	House 3700, land 32000 ft. 3500	7200	119	37
Hastings Levi W. Clyde st	2 00	200			4	42
Haven Frank, Marion st	2 00		House 3000, stable 400, land 45910 ft. 4500	7900	97	59
Hay Oliver H. Aspinwall av	2 00	5000	House 6000, stable 400, land 31500 ft. 8000	14400	236	74
Hayes Augustus A. Monmouth st	2 00	20000	House 7500, land 19500 ft. 7000	14500	419	45
Hayes James, Pearl st	2 00		House 1800, do. in rear 600, land 5800 ft. 1800	4200	52	82
Hayes S. Dana, Kent st	2 00	5000	House 8500, land 21780 ft. 8500	17000	268	20
Haynes Clark L. Boylston st	2 00	9000	House 2500, land 38025 ft. 6500	9000	219	80
Head Charles D. Warren st	2 00	3000	House 5500, stable 600, land 1 1-4 a. 3000	9100	148	41
Head Charles D. trustee		6000			72	60
Head Miss Lydia C.		12000			145	20
Healy James, Boylston st	2 00		House 1000, lot 2821 ft. 900	1900	24	99
Heath Charles est. of, Heath st		25000	House 5500, stable 600, land 9 1-2 a. 19000, house by Fisher 3500, land 3-4 a. 2000, house lot Ackers av. 7290 ft. 300, woodland Newton st. 8 a. 800.	31700	686	07
Heath Mrs. Mary, Washington st			House 4000, land 8919 ft. 6000	10000	121	00
Heath Sidney, Colchester st	2 00	500			8	05
Heath Susan & A.E. est. of, Heath st		10000		9100	231	11
Hench John B. Harvard st	2 00	3500			44	35
Henderson Charles A. Brighton st	2 00	1000	House 4000, stable 500, land 2 a. 5000	9500	129	05
Henry John J. Toxteth st	2 00	500	House 4000, land 11250 ft. 2600	6600	87	91
Hickey Bridget, Boylston st			House 500, land 6860 ft. 400	900	10	89
Hickey Michael, Washington st	2 00		House 800, land 1300 ft. 400	1200	16	52
Hickey Patrick, Pearl st	2 00		House 500, land 1-16 a. 700	1200	16	52
Hicks Mrs. Rosa, White pl			House 1200, land 2372 ft. 700	1900	22	99
Higgins Martin, Pearl st	2 00		House 1100, land 1413 ft. 400	1500	20	15
Hill William H. Beacon st	2 00	40000	House 7500, stable 1800, land 43227 ft. 10000, house lot Summit av. 62589 ft. 6600.	25900	799	39
Hill William H. Jr. Marion st	2 00	7000	House 5500, stable 500, land 36717 ft. 11000	17000	292	40

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Hillard George S. Mountfort st	2 00	9000			110 90
Hills Richard, Boylston st	2 00	500			8 05
Hoar J. Emery, Beacon st	2 00	2000	House 4500, stable 500, greenhouse 100, land 22256 ft. 6600.	11700	167 77
Hobbs Mrs. Mary M. Harvard av				7000	84 70
Hogan Patrick, White pl	2 00		House 800, land 2461 ft. 700	1500	20 15
Holleran Edward, Pearl st	2 00		House by self 600, land 1-16 a. 500, house by Collins 700, land 1-16 a. 700.	2500	32 25
Holmes Elijah S. Harvard st	2 00	800			11 68
Homer Miranda S. Gorham av			House 4200, land 15000 ft. 2800	7000	84 70
Homer Sidney, est. of		100000			1210 00
Hosford Eugene, Aspinwall av	2 00	300			5 63
Hosford Oscar, Aspinwall av	2 00	700			10 47
Howard Alonzo P. Mountfort st	2 00	1500			20 15
Howard John A. Kent st	2 00	4000	House 15000, land 54596 ft. 16000	31000	425 50
Howard Perez B. Monmouth ct	2 00	2000			26 20
Hovey William A. Davis av	2 00	1000			14 10
Howe Edward, Pearl st	2 00	300	House 800, stable 200, land 5000 ft. 1500	2500	35 88
Howe Mrs. Hannah W. Warren st		18900	House 4500, stable 400, land 10 a. 17000	21900	493 68
Humphrey Willard A. Newton st	2 00	10000	House 4500, barn 800, do. 300, do. 500, house lot and mowing 13 a. 7800, house by English 1000, land 12 a. 3200.	18100	342 01
Humphrey Willard J. Clyde st	2 00	500			8 05
Hunnewell Emeline A. High st		3400			41 19
Hunnewell Mrs. Mary, Beacon st		3400			41 19
Hunt Mrs. Eliza, Davis av			House 3000, land 5956 ft. 1800	4800	58 08
Hurd Benjamin, Linden pl	2 00		House 3500, stable 500, land 84300 ft. 11500	15500	189 55
Hurlbutt Misses Mary & F. C. Walnut pl.			House 3000, land 10220 ft. 2000	5000	60 50
Hurley Mrs. Margaret, Pearl st			House 50, land 250	300	3 63

Hyde William J. Newton st	2 00	2000	House 1800, barn 600, do. 800, land 59 1-2 a. 25000	28200	367	42
Ingalls C. Herbert, Babcock st	2 00	500			8	05
Irving Miss Mary Ann, Walnut st			House 2000, land 1-8 a. 1500	3500	42	35
Jackson Chas. F. heirs of, Heath st		2500	House 600, barn 100, land 6 a. 4500	5200	93	17
Jackson Henry W. Perry st	2 00	1000			14	10
James Mrs. Elizabeth B. Waverly pl			House 6500, land 4486 ft. 1400, do. 1602 ft. 400	8300	100	43
James Horace, Waverly pl	2 00		Land 4318 ft. 1200	1200	16	50
James Mrs. Martha A. Waverly pl			House Waverly pl. 4500, land 2806 ft. 700	5200	62	92
Jewett Francis A. Dudley st	2 00	1000	House 2800, land 20000 ft. 1800	4600	69	76
Johnson Charles E. Monmouth st	2 00	2000			26	20
Johnson Felix, Pearl st	2 00	100	House 500, stable 400, house in rear 100, land 1-16 a. 700, house by Powers 800, land 1-16 a. 700.	3200	41	93
Johnson H. S. & M. A. St. Andrews building.		1500			18	15
Johnson Mrs. Richard, Pearl st			House 500, do. in rear 100, land 1-16 a. 700	1300	15	73
Jones Anna Cornelia, Walnut st			House 3700, land 6691 ft. 1400	5100	61	71
Jones Mrs. Elizabeth R. Summit av				21500	260	15
Jones Jerome, Summit av	2 00	7500			92	75
Jones Justin, Harrison pl	2 00	500	House 4000, land 8000 ft. 3600	7600	100	01
Jones Moses, Cypress st	2 00	1500	Land one-third of 2 1-4 a. 16000	16000	213	75
Jones Moses & Susan C. Cypress st			House 3000, stable 200, land 1 a. 10000	13200	159	72
Jones Susan C. Cypress st		5500	Land one-third est. Moses Jones 2 1-4 a. 16000	16000	260	15
Joyce George F.	2 00		House and store 4000, land 1950 ft. 2400, Joyce's building 10000, lot 6618 ft. 10000, store adjoining 800.	27200	331	12
Joyce George F. & Co		3500			42	35
Kearny Bernard J. Harvard st	2 00	500			8	05
Kearny Mrs. Ellen C. Harvard st			House 1500, stable 300, land 18000 ft. 7000	8800	106	48
Kellaher Morris, Kerrigan pl	2 00		House 700, land 1-16 a. 400	1100	15	31
Kellaher Richard, Sewall pl	2 00		House 200, land 200	400	6	84

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Kelly Catharine, Kerrigan pl			House 900, land 1-16 a. 400	1300	15 73
Kelly John, Dudley st	2 00		House 400, land 1-4 a. 500	900	10 89
Kelly John, Sewall pl	2 00		House 200, land 1-16 a. 400	600	9 26
Kelly Lawrence, Sewall pl	2 00		House 300, land 1-16 2660 ft. 300, lot Houlihan av. 4559 ft. 400.	1000	14 10
Kelly Patrick, Pearl st	2 00		House by self 500, lot 1-16 a. 400, house by Marston 400, lot 2384 ft. 700.	2000	26 20
Kelly Paul, White pl	2 00		House 800, land 2227 ft. 700	1500	18 15
Kelly Thomas, Hammond st	2 00		House 400, land 35000 ft. 600	1000	14 10
Kemp Adelaide M. Cypress st			House 4000, stable 200, land 12000 ft. 1800	6000	72 60
Kennard M. P. Walnut st	2 00	6000	House 8000, stable 1200, land 6 3-4 a. 19000	28200	415 62
Kenrick Alfred Jr. Aspinwall av	2 00		House 2500, land 10500 ft. 2500	5000	62 50
Kenrick David T. Waverly pl	2 00		House 3500, land 7528 ft. 2000, house in Searle av. 3800, land 4000 ft. 1100.	10400	127 84
Kenrick Brothers, Washington st		4000	Store 2000, land 2225 ft. 2800, stable White pl. 600, land 3825 ft. 1000.	6400	125 84
Kerrigan Michael, Houlihan av	2 00		House 700, land 4321 ft. 300	1000	14 10
Keyser Peter, Washington st	2 00		House by self 1200, land 2200 ft. 2000, lot Walter av. 4083 ft. 900.	4100	51 61
Kingman Abner A. Park st	2 00	1000			14 10
Kingman Mrs. Abner A. Park st			House 8500, land 14489 ft. 3600	12100	146 41
Kirby Charles K. Beacon st	2 00	3000	House 9500, stable 1500, greenhouse 400, land 121024 ft. 42000.	53400	684 44
Knight Frederick I. Monmouth ct	2 00	1000			14 10
Koch John, Washington st	2 00		House and shop 2500, land 2180 ft. 2400	4900	61 29
Laighton James A. Davis av	2 00		House 5000, land 13165 ft. 4000	9000	118 90
Ladd Elizabeth B. Harvard st		600			7 26
Lamb Charles F. Colonnade block	2 00	2500			32 25
Lamb Salem T. High st	2 00	7000			86 70

Lansing John A. Linden pl.....	2 00	500			8 05
Lawrence Amos A. Prescott st....	2 00	200000	House by self 20000, stable 3000, greenhouse 1000, barn 300, land 10 a. 120000, house Prescott st. by Amory 14000, land 55328 ft. 15000, stable 900, house Essex st. by Green 7000, land 27483 ft. 10500, house Mountfort st. by Lee 6000, land 13720 ft. 5000, house do. by Parker 5000, land 39254 ft. 11000, house do. by Hillard 8000, land 21171 ft. 7000, house do. by Howard 4000, land 34125 ft. 10000, house corner Beacon and Carlton sts. 500, land 35595 ft. 9500, brick block 5 houses Monmouth st. 30000, land 12500 ft. 6000, brick block 5 houses Monmouth st. 33000, land 12500 ft. 6000, brick block 5 houses E. side Monmouth ct. 30000, land 12500 ft. 6000, brick block 5 houses W. side Monmouth ct. 28000, land 33932 ft. 10500, house lot E. side Monmouth ct. 67441 ft. 13000, three wooden shops at Chapel station 500, marsh 4 a. 8000, part No. 106 Monmouth st. 16863 ft. 6000, lot No. 100 Beacon st. 21900 ft. 10000, lot No. 39 Ivy st. 15455 ft. 6000, lot No. 73 Carlton st. 18689 ft. 7000, cottage Carlton st. S. of R.R. 800, double house 1500, land 1-2 a. 3000, house Colchester st. by Peabody 2500, land 10000 ft. 4000, Old Ladies' Home Harvard st. 1800, land 6142 ft. 2700.	474000	8157 40
Lawrence Mrs. Amos A. by trustees.		55000			665 00
Lawrence William R. Ivy st.....	2 00	150000	House by self 21000, lot 103339 ft. 35000, stable Carlton st. 4000, lots 70, 71, 72, 77, 78, 79, plan of Cottage Farm 121531 ft. 10000, double brick house St. Mary st. 3500, stable 200, house by Cate 800, lot 22100 ft. 6500, double house Carlton st. S. of R.R. 1500, land 3-4 a. 3600, lots 20, 22, 23, 24, 25, 26 Mountfort st. 103900 ft. 32000, lots 1 to 7 inclusive Brighton av. 124409 ft. 33000.	151100	3645 31

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Lawrence Justin, Harvard st.	2 00		House by Long 5000, stable 500, land 36000 ft. 10000, house by Marshall Marion st. 4000, land 18155 ft. 3600, house by Bond 4000, land 17305 ft. 3600, stable 400.	31100	378 31
Lawrence Frank W. Ivy st.	2 00	15000			183 50
Lee John H. Hawes st.	2 00	10000	Stable Carlton st. 800, land Beacon st. 9715 ft. 4500.	5300	187 13
Lee Thomas J. Mountfort st.	2 00	5000			62 50
Lemis Michael, Freeman st.	2 00			2900	37 09
Libby Mrs. John A. White pl.				1100	13 31
Lincoln Mrs. Ann Eliza, Harvard st.			House by self 3500, land 35325 ft. 18000, double house Webster pl. by Carnes 5000, land 10000 ft. 3600, double house Webster pl. by Talbot 4000, land 10000 ft. 3600, double house Harvard st. by Cushing 6000, land 10752 ft. 7500.	51200	619 52
Lincoln Charles D. Davis av.	2 00		House 4700, land 20503 ft. 5000, stable St. Paul st. 700, land 36040 ft. 8500.	18900	230 69
Lincoln William H. Dudley st.	2 00	20000	House by self 8500, stable 1000, land 39930 ft. 15000.	24500	540 45
Linnehan Margaret, heirs of, Boylston st.			House 700, land 5374 ft. 1100	1800	21 78
Linney James, Pearl st.	2 00		House by self 700, do. in rear 500, land 1-16 a. 1200, house Emerald st. by Moran 900, land 1-16 a. 1200.	4500	56 45
Littell Robert S. Alton st.	2 00	10000	House Aspinwall av. 2800, land 8761 ft. 2200, land Perry st. 11437 ft. 2500.	7500	213 75
Littell Susan G. Alton st.			House 5000, school house 500, land 6000 ft. 13000	18500	223 85
Long Alanson, Harvard st.	2 00	15200			185 92
Long John D. Washington st.	2 00			6800	84 28
Loring Augustus N. Browne st.	2 00	1500			20 15
Loring Thatcher, Walley av.	2 00	5500			68 55
Love James, Ackers av.	2 00		House 800, land 8503 ft. 500	1300	17 93
Lovering James C. Davis av.	2 00		House 8500, stable 600, land 11447 ft. 3400	12500	153 25

Lowell Augustus, Heath st	2 00	110000	House by self 30000, stable 3000, farm house 1000, greenhouse 1000, land 10 a. 20000, pasture Heath st. 12 1-2 a. 2000.	57000	2022	70
Lucas Margaret, Washington st			Shop 1100, land 2016 ft. 1400	2500	30	25
Lunney John, Fay pl	2 00		House 400, land 1-16 a. 500	900	12	89
Lunney Margaret, Brighton st			House 800, land 20000 ft. 1100	1900	22	99
Luscomb Richard L. Colonnade bl'k	2 00	1200			16	52
Lyford Nathaniel, Vernon st	2 00	7500	House 4000, stable 300, land 12000 ft. 3000, land Kent st. 40258 ft. 11000.	18300	314	18
Lyford Nathaniel & P. W. Pierce			Two houses Pearl st. 1600, land 1-16 a. 900	2500	30	25
Lyman Theodore, Heath st	2 00	65000	House by self 20000, farm house 1800, stable 1500, barn 800, greenhouse 600, do. 400, land 61 1-4 a. 61000, lowland Reservoir pl. 3 3-4 a. 700.	86800	1838	78
Lynch Owen, Brookline av	2 00		House 500, land 2700 ft. 500	1000	14	10
Mabie Henry C	2 00	1000			14	10
Macomber, Henry S. Francis st	2 00	200			4	42
Madden Daniel, Oak st	2 00		House 500, land 36042 ft. 500	1000	14	10
Madore Bridget, Boylston st			House 1500, land 5709 ft. 1700	3200	38	72
Mahan Michael, Thayer pl	2 00		House 1200, do. in rear 1400, land 4356 ft. 1300, shop Walter av. 300, land 4103 ft. 900.	5100	63	71
Mahan Thomas, Dudley st., Fairmount.	2 00	100			3	21
Maher Thomas P.		200	Lot 61 Walter av. 4339 ft. 900	900	13	21
Mahoney Hannah, Freeman st			House 1000, lot 1-3 a. 1600	2600	31	46
Mahoney John, Hammond st	2 00		House 300, land 1 a. 600. do. 2 1-4 a. 500	1400	18	94
Mahoney Mary, Fay pl			House and shop 1500, land 3200 ft. 3000	4500	54	46
Mahoney Michael, Brookline av	2 00		House 1500, house-lot 4500 ft. 1400	2900	37	09
Mahoney Patrick, Brighton st	2 00		House 1300, barn 100, land 14270 ft. 700	2100	27	41
Maines Robert, Reservoir pl	2 00		House 300, land 4456 ft. 200	500	8	05
Malone Bernard, Sumner st	2 00		House 800, land 16511 ft. 800	1600	21	36
Maloney Bridget, Pearl st			House 400, do. 100, house-lot 1-6 a. 300, house corner of court 1400, lot 1930 ft. 700.	2900	35	09
Manley Michael, Boylston st	2 00		House 900, house-lot 7000 ft. 500	1400	18	94
Mann Nehemiah P. Marion st	2 00		House 4500, stable 800, land 43064 ft. 12500	17800	217	38

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Mann Nehemiah P. Jr. Beacon st...	2 00		House 9500, land 29553 ft. 9000.....	18500	225 85
Marshall John Knox, Marion st....	2 00	4500			56 45
Marston Edwin O. Boylston st	2 00		House 2000, land 1-16 a. 800.....	2800	35 88
Mason Albert, Summit av.....	2 00	1000			14 10
Mason Henry, Harvard st.....	2 00	15000	House 7000, stable 1500, land 67955 ft. 14000, lot corner Park and Marion sts. 20058 ft. 5500, lot Marion st. 29829 ft. 5400.	33400	587 64
Matthews Asahel G. School st.....	2 00	1000	House by self 3200, lot 1-8 a. 2200, house 1000, house lot 6000 ft. 1800, lot Searle av. 11268 ft. 3300.	11500	153 25
Maynard Charles H. Kent st.....	2 00	500			8 05
Mayo Henry, est. of, Summit av...			House 3000, stable 500, land 32738 ft. 4000	7500	90 75
Mayo Julia A. Davis av			House 1500, land 2817 ft. 600.....	2100	25 41
Mayo & Paine, Rooney's block.....		1800			21 78
McAvoy Patrick, White pl	2 00		House 600, lot 300.....	900	12 89
McBurney James, Pleasant st	2 00	700	House 1300, stable 300, land 2-3 a. 5000.....	6600	90 83
McCarty Catharine, Boylston st...			House 700, land 1-8 a. 1100.....	1800	21 78
McCarty Clara H. Newton st.....			House 3000, land 1200	4200	50 82
McCarty Patrick, Boylston st.....	2 00		House 700, land 1-16 a. 1100.....	1800	23 78
McCarty Peter, Cypress st	2 00		House 1100, land 2872 ft. 500.....	1600	21 36
McCausland Charles B. & Dale.....			House 1700, land 3757 ft. 1200.....	2900	35 09
McCormack Mrs. John, Wash'n st.			House and shop 1600, land 2147 ft. 1600, house 1600, lot 1994 ft. 1700, house Pearl st. by Murray 1000, stable 400, house by Hayes 400, land 6678 ft. 2700.	11000	133 10
McCormack James, Hammond st ..	2 00		House 500, land 28920 ft. 500.....	1000	14 10
McCue Mary Ann, Brighton st.....			House 800, stable, 300, land 8034 ft. 500.....	1600	19 36
McCullough Thomas, Wash'n st...	2 00	100	House 1600, stable 100, land 4318 ft. 3300.....	5000	63 71
McDonald Archibald E. Linden pl..	2 00	2000	House 5000, stable 500, block 9 tenements 8000, house-lots 1 3-16 a. 11500.	25000	328 70
McDonough John, Boylston st.....	2 00		House 900, do. 300, land 3378 ft. 1000.....	2200	28 62
McGrady Michael, Reservoir pl....	2 00		House 100, land 8 a. 3000	3100	39 51

McGrath Mary, Sewall pl			House-lot 37 Hart's plan 1-32 a. 300	300	3	63
McGuire Terence, Heath st	2 00		House 300, do. 100, land 32024 ft. 700	1100	15	31
McInerny James, Chestnut st	2 00		House 400, lot 4500 ft. 700	1100	15	31
McInerny John, Chestnut st	2 00		House 600, lot 5405 ft. 800	1400	18	94
McLaughlin Patrick, Hammond st	2 00		House 400, lot 10000 ft. 250, do. 7000 ft. 150	800	11	68
McMahan Bridget, Washiugton st			House 500, do. 100, lot 1-16 a. 600	1200	14	52
McMahan Bridget, Brookline av			House 150, do. 50, lot 1300 ft. 200, house-lot Pearl st. 3000 ft. 700.	1100	13	31
McMahan Thomas, Kerrigan pl	2 00		House 800, lot 1-16 a. 400	1200	16	52
McManus Bridget, Villa lane			House 200, land 4777 ft. 900	1100	13	31
McNamara Ann, Walter av			House 1500, land 3600 ft. 800	2300	27	83
McNulty John, Boylston st	2 00		House 500, lot 6000 ft. 400	900	12	89
Mealey Edward, Kerrigan pl	2 00		House 500, lot 1688 ft. 300	800	11	68
Mealey Francis, Sewall st	2 00		House 400, do. 300, do. 300, land 4778 ft. 500	1500	20	15
Mealey Mrs. John, Chestnut st			House 500, lot 13743 ft. 1500, house 800, do. 400, do. 300, do. 800, lots 11450 ft. 1300, house Pearl st. 900, do. in rear 400, lots 1-8 a. 1200.	8100	98	01
Mealey Mary Ann, Boylston st			House 1100, do. 1800, land 24263 ft. 4800	7700	93	17
Meaney Daniel, Cypress st	2 00		House 900, lot 4094 ft. 700	1600	21	36
Melcher William K. Linden pl	2 00		House Aspinwall av. 4500, stable 300, land 26712 ft. 6500.	11300	138	73
Mellen Mrs. Sarah, Beacon st			House 5000, land 40200 ft. 12000	17000	205	70
Meredith Mrs. Samuel, Hawes st		2300			27	83
Merrill T. Watson, tr. Boston		41100			497	31
Merritt George W. Perry st	2 00	3000	House 5000, land 11250 ft. 2600	7600	130	26
Mehan Dennis	2 00		House 500, land 1-2 a. 1100	1600	21	36
Metcalf Theodore, Dummer st	2 00	5000			62	50
Metropolitan Railroad Company, Walnut st.			Stable cor. Morss av. 5000, lot 8600 ft. 7000, shop Juniper st. 400, lot 6758 ft. 2300.	14700	177	87
Mildon Edward, Walnut st	2 00		House Walter av. 2100, lot 4162 ft. 900	3000	38	30
Miles Charles E. Vernon st	2 00		House 3200, land 8072 ft. 2000	5200	64	92
Miley Mary, Carlton st			Land Walter av. 3600 ft. 800	800	9	68
Miller Elizabeth M. Clyde st			One-half house 600, land 100601 ft. 3500	4100	49	61
Miskell John, Fairmount	2 00		House 600, do. 300, barn 100, land 7550 ft. 400	1400	18	94

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Miskell Michael, Brighton st	2 00		House 400, do. 200, lots 5-8 a. 1200, house Washington st. 800, lot 7852 ft. 4000, block corner Walter av. 1700.	8300	102 43
Miskell Thomas, at Mrs. E. Cabot's	2 00		Block 4 tenements Morss av. 3200, lot 3600 ft. 1000, lot Houlihan av. 6000 ft. 400	4600	57 66
Mitchell John and Patrick, Pearl st			House 200, lot 300	500	6 05
Monks Frank H. Monmouth st	2 00	3300			41 93
Mooney Luke, Reservoir pl	2 00		House 700, lot 50056 ft. 800	1500	20 15
Moore, Emery B. Kent st	2 00	500	House Francis st. 4500, lot 22775 ft. 5500	10000	129 05
Moran Edward, Sewall pl	2 00		House 300, lot 1760 ft. 200	500	8 05
Moran Lawrence, Houlihan av	2 00		House 900, lot 4620 ft. 300	1200	16 52
Morlock Jacob, Washington st	2 00	1500	Brick block 13000, lot 6500 ft. 5200, house in Fay pl. 800, do. 300.	19300	253 68
Morrill David B. Harvard st	2 00		House 1500, barn 200, land 7 1-2 a. 12000	13700	167 77
Morrison David F. Davis Mansion	2 00	500			8 05
Morse Fitzalbert, Monmouth st	2 00	2500			32 25
Morse John C. guardian, Boylston st	2 00		House 1200, lot 31 Walker's plan 1 1-16 a. 900	2100	25 41
Mudge Mrs. Eliza A. B. est. of			House Summit av. 3000, stable 600, greenhouse 200, land 20147 ft. 2700.	6500	78 65
Mudge George A. Summit av	2 00		House Harvard st. 3700, stable 400, lot 6771 ft. 3400, house-lots Walter av. and Morss av. 25339 ft. 6000.	13500	165 35
Muldowney Catharine F. Juniper st			House 1000, lot 3600 ft. 800	1800	21 78
Mulhern Edward, Kerrigan pl	2 00		House by self 400, do. by McCarty et als. 1200, house-lot 1560 ft. 400, do. 1894 ft. 500.	2500	32 25
Mulrenin William, Washington st	2 00		House by self 1200, do. 1000, do. 1400, house-lots 6200 ft. 3700, Brookline House 800, stable 100, land 6718 ft. 4700.	12900	158 09
Mungovan James G. Boylston st	2 00	100	House 1200, lot 3852 ft. 1100	2300	31 04
Murdock Miss Eliza, Warren st		2500			30 25
Murphy Mary, Reservoir pl			House 400, lot 28887 ft. 400, do. 24911 ft. 200	1000	12 10

Murphy Michael, Linden pl	2 00		House 800, lot 7482 ft. 1600	2400	31	04
Murphy Eliza J. Washington st		200			2	42
Murray Hugh Jr. Brookline av	2 00		House 700, land 3915 ft. 900	1600	21	36
Murray John, Pearl st	2 00		House 600, land 4245 ft. 1200	1800	23	78
Murray Michael, Houlihan av	2 00		House 800, land 4410 ft. 300	1100	15	91
Murray Patrick, Brookline av	2 00		House 1200, stable 100, land 3600 ft. 400	1700	22	57
Murray Thomas, Oak st	2 00		House 400, land 300	700	10	47
Nash Francis J. Auburn st	2 00	1000	House 4000, stable 400, land 28504 ft. 6500	10900	145	99
Neal Burton W. Boylston st	2 00	500	Stable 200, shop 800, lot 4450 ft. 1200	2200	34	67
Neal Mrs. Burton W. Boylston st			House 1600, lot 1-4 a. 2200	3800	45	98
Nesbit Elizabeth S. Corey Hill		500	House 5000, land 1-4 a. 1300	6300	82	28
Newman Robert, Beacon st	2 00	1000	House 2500, stable 500, land 88820 ft. 20000	23000	292	40
Nickerson Sereno D. Webster st	2 00	1500			20	15
Nickerson Susan D. Webster pl			House-lot Davis av. 1-2 a. 3500	3500	42	35
Noonan John, Pearl st	2 00		House by self 900, do. by Jennings 1100, do. 100, house-lot 1748 ft. 700.	2800	35	88
Norton Patrick, Pearl st	2 00		House-lot Walter av. 3600 ft.	700	10	47
Noyes George D	2 00	2000			26	20
Nyhan Timothy, Heath st	2 00	500	House 700, barn 200, land 72000 ft. 1100, lot Heath st. 19660 ft. 300, do. Hammond st. 45000 ft. 400.	2700	40	72
O'Connell James, est. of, High st			House 1200, shop 100, double house 1800, land 1-2 a. 2000.	5100	61	71
O'Conner Dennis, with E. C. Wilson	2 00		House 800, lot Fay pl. 1-16 a 400	1200	16	52
O'Conner Cornelius, Pearl st	2 00		House 500, lot 1250 ft. 500	1000	14	10
O'Day John & M. A. Liddy, heirs of, Washington st.			House 800, lot 1-16 a. 500	1300	15	73
O'Day Mrs. Mary, Brookline av			House 900, lot 1-16 a. 700	1600	19	36
O'Day Michael & Mrs. John Maddock, Washington st.			House 600, lot 1-16 a. 500	1100	13	31
O'Day Mrs. Thomas, Washington st.			House 500, land 1-8 a. 2800	3300	39	93
O'Hare John, Pearl st	2 00		House 700, land 1-16 a. 800	1500	20	15

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
O'Hern Cornelius, Boylston st.....	2 00	1500	House by self 3200, stable 700, land 20000 ft. 4500, small house in rear 800, land 10000 ft. 1700, house Pearl st by O'Connor 800, do. Cronan 700, do. Cairns 600, house-lots 1-8 a. 2000, do. Keenan 500, do. Jones 500, house-lots 1-16 a. 1000, house by Riley 600, do. Cochran 600, do. Mahoney 400, house-lots 1-8 a. 2000.	20600	269 41
O'Hern James, Houlihan av.....	2 00		House 1200, do. 800, do. 1500, house-lots 33012 ft. 1500.	5000	62 50
O'Hern Mary, Emerald st.....			House 800, lot 1744 ft. 700.....	1500	18 15
O'Holleran Timothy, Heath st.....	2 00		House 400, land 1 a. 500.....	900	12 89
Olsen Peder, Summit av.....	2 00	5000	House 5000, stable 1200, land 1 1-2 a. 5000.....	11200	198 02
Orrock Mrs. J. Winchester st.....			House 3200, land 14400 ft. 2500.....	5700	68 97
Paine Francis T. est. Harvard av..			House 4000, land 41520 ft. 10500.....	14500	175 45
Paine Robert Treat, Washington st.	2 00	85000			1030 50
Palmer Charles L. Washington st..	2 00		House and shop 2500, house in rear 1500, land 5086, 3300.	7300	90 33
Palmer Jacob P. Harvard av.....	2 00	1000	House 3200, lot 1-4 a. 2500.....	5700	83 07
Panter John, Washington st.....	2 00		House by self 3500, stable 300, house by Woodbury 3200, house-lots 11594 ft. 10000, St. Andrew block 17000, lot 4714 ft. 6000, Davis Mansion 17000, lot 4300 ft. 3000, block by Hand et als. 2200, lot 4280 ft. 5500, house Andem pl. 1200, lot 5050 ft. 1800, Colonnade buildings 28000, lot 8814 ft. 1200, lot in rear 7793 ft. 4000, house Washington st. 1800, barn 100, lot 24975 ft. 7500, barn Villa lane 100, land 60848 ft. 11000.	135200	1637 92
Parker Mrs. Catharine S. Hawes st.		5200			62 92
Parker James C. D. Mountfort st..	2 00	3000			38 30

Parker Mason G. Winchester st.	2	00	500	House-lot Babcock st. 3-8 a. 2600	2600	39 51
Parker William L. Hawes st	2	00	400			6 84
Parsons Thomas, Cottage st	2	00	30000	House 8500, stable 1000, greenhouse 300, land 3 1-2 a, 5000.	14800	544 08
Pattison James, Harvard pl	2	00		House 1400, land 2769 ft. 600	2000	26 20
Peabody Robert S. Edge Hill, High st	2	00	8000	House 8500, land 1-3 a. 4500	13000	256 10
Peabody Mrs. W. A. Colchester st			8000			96 80
Peirce Henry, Harvard st	2	00	32000	House 5700, stable 1000, land 53000 ft. 21000, land Webster st. 19966 ft. 4500.	32200	778 82
Peirce Henry E. Egmont st	2	00	5000			62 50
Penniman George, Boylston st	2	00	3000			38 30
Penniman Elisha T. Boylston st	2	00	1000			14 10
Penniman Elisha, heirs, Boylston st				House 3700, stable 400, land 2 a. 4000, mowing lot Reservoir pl. 8 a. 4500.	12600	152 46
Perkins George E. Colonnade hotel	2	00	1000			14 10
Perrin Mary B. by tr			2700	House 3000, stable 400, land 5-8 a. 2700, house cor. Cypress st. 4000, lot 12568 ft. 2500, do. 16425 ft. 3000.	16100	227 48
Pettengill Thomas S. Harvard st	2	00		Double house 3500, stable 300, land 15264 ft. 5800	9600	118 16
Phelps Harriet N. Aspinwall av				House 2000, lot 3705 ft. 1200	3200	38 72
Philbrick Edward S. Walnut st	2	00	5500	House by Rienhard 3300, lot 6000 ft. 2000, double house by Storrs 12000, lot 7640 ft. 2400, do. do. by Curry and Storey 6000, lot 10000 ft. 2700, do. by Miss Head et als. 12000, do. by Ware 5300, do. by Stodder 3500, land 37000 ft. 9200, do. by Dolloff 2500, lot 21328 ft. 4700.	65600	862 31
Philbrick Edward, S. tr. under will of L. L. Roach.			21600			261 36
Philbrick Mrs. Eliza			1000			12 10
Philbrick Samuel, est. of				House 6500, stable 1000, house by Winsor 650, house by Storrow 8500, stable 1000, house by Chapin 8000, house by Loring 8000, land 10 1-2 a. 100000.	139500	1687 95
Pidgeon Michael, Walter av	2	00		House 1000, land 3600 ft. 800	1800	23 78
Pierce Jacob W. est. Brighton st			170000	House 11000, stable 800, barn 1000, land 40 a. 60000, do. 2 a. 3600.	76400	2981 44

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Pierce Peter W. School st	2 00	1000	House 2000, lot 7100 ft. 2100	4100	63 71
Plimpton Arthur W. Monmouth st.	2 00	1000			14 10
Poor Henry V. Walnut st	2 00	2500			32 25
Poor Mrs. Henry V. Walnut st			House 6000, stable 1800, land 227631 ft. 16500	24300	294 03
Pope Louiza B. et al. Colchester st.			House 2500, land 1-4 a. 4000	6500	78 65
Potter Lucinda, Harrison pl		1000	House 4500, lot 13037 ft. 4500	9000	121 00
Prescott Emily M. Pleasant st			Double house 2000, stable 300, land 14300 ft. 3600, do. in rear 48631 ft. 8000, house by Beck 2500, land 14580 ft. 3600.	20000	242 00
Prescott Frederick W. Pleasant st.	2 00	500	House-lot Chestnut pl. 2 a. 5400	5400	73 39
Putnam Joshua H. Davis av	2 00	2500	House-lot Harvard st. 7-8 a. 13000	13000	189 55
Quimby Thomas C. Heath st	2 00	800	Land corner Hammond st. 14000 ft. 400, do. 1 1-4 a. 300.	700	20 15
Quinlan Michael W. High st	2 00	2500	House 3800, lot 13396 ft. 5000, house Walnut st. 700, lot 1-16 a. 1900, shop Boylston st. 3500, brick store 5000, land 7042 ft. 7000, carriage house N. side Boylston st. 1700, land 6000 ft. 2500, carriage house in rear 800, shop by Kelly 400.	32300	423 08
Quinlan Thomas, Boylston st	2 00		House 1400, lot 3000 ft. 1000	2400	31 04
Quinlan Thomas Jr. Walnut st	2 00		House lot 3000 ft. 1000	1000	14 10
Quinn James, Chestnut st	2 00		House 400, greenhouse 100, land 17195 ft. 1800	2300	29 83
Rand Avery S. Monmouth ct	2 00	500			8 05
Rand William D. Harvard st	2 00	800			11 68
Rausch Mrs. Anna, Harvard pl			House 1400, lot 2769 ft. 500	1900	22 99
Raymond Edward A. est. of		50000			605 00
Raymond Mrs. Eliza T. Beacon st.		25000	House 8000, stable 800, greenhouse 400, land 59000 ft. 18000.	27200	631 62
Raymond Henry E. Goddard av	2 00	5000			62 50

Raymond Mrs. Susan A. Goddard av		25000	House 5500, stable 500, barn 300, land 3 1-4 a. 4200.	10500	429	55
Reardon John, Boylston st	2 00		House 200, lot 17066 ft. 300	500	8	05
Reed Edwin, Clyde st	2 00	1200			16	52
Rice William, Park st	2 00	1000	House 4500, stable 500, land 48590 ft. 8000	13000	171	40
Richards Francis C. Chestnut st	2 00	20000	House 6500, stable 700, land 45000 ft. 4500	11700	385	57
Richards John S. Clyde st	2 00		House 700, lot 3 a. 2100	2800	35	88
Richardson George P. Prospect st. Corey Hill.	2 00	1000	House Walnut st. 6000, do. rear 1500, land 7987 ft. 2400.	9900	133	89
Richardson Henry H. Cottage st	2 00	5000			62	50
Richardson Henry L. est. of		50000			605	00
Riley Margaret, Boylston st			House 900, lot 2800 ft. 900	1800	21	78
Ritchie Edward S. Cypress pl	2 00	5000	House 5000, stable 800, land 27639 ft. 6500, land Gorham av. 3-4 a. 5500.	17800	277	88
Ritchie Edw. S. & Sons, Harvard st		12000			145	20
Roach Margaret, Brookline av			House 900, land 3000 ft. 700	1600	19	36
Roach Michael, Heath st	2 00		House 600, land 2 3-4 a. 900	1500	20	15
Roberts Joseph D. Sewall st	2 00	2000	House 4500, stable 600, land 95267 ft. 10000	15100	208	91
Robinson Samuel A. Washington st	2 00	25700	House 3500, stable 600, tannery 3700, land 2 a. 8000.	15800	504	15
Robinson Samuel A. trustee		5700			68	97
Robinson Thomas T. Linden pl	2 00	3500			44	35
Robinson Willard H. Delano's bl	2 00	500			8	05
Rogers Daniel H. Tappan st	2 00	1000			14	10
Rogers Mrs. Lucy S. Tappan st			House 5000, stable 600, land 112312 ft. 9000, pasture S. of R. R. 6 3-4 a. 5600.	20200	244	42
Rogers Daniel H. trustee			Marsh near Aspinwall av. 3 a. 4500	4500	54	45
Rogers John K. Kent st	2 00	4000	House 8000, stable 800, land 30570 ft. 11500	20300	296	03
Rogers William C. Walnut st	2 00	10000			123	00
Rooney James, Harrison pl	2 00	4500	House 3000, land 5500 ft. 2700, house and stores Harvard st. 9000, brick store 2000, brick block 11000, land 5000 ft. 6200.	33900	466	64
Rooney Patrick, Brighton st	2 00	2500	House 1200, stable 200, land 2 1-2 a. 4000	5400	96	59
Rooney Mrs. Peter, Boylston st			House 1200, lot 4200 ft. 1000	2200	26	62
Rooney William, est. Brighton st			House 1000, do. 1600, land 3-4 a. 2700	5300	64	13
Rourke Michael, Juniper st	2 00		House 1700, stable 200, lot 3600 ft. 800	2700	34	67
Ruggles Cyrus W. Washington st	2 00	2000			26	20

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Ruggles John, Beacon st	2 00	2000	House 5000, lot 21241 ft. 9500	14500	201 65
Runkle John D. High st	2 00	3000	House 12500, land 10000 ft. 3500	16000	231 90
Russell J. Maynard, Hotel Colonnade.	2 00	200			4 42
Russell Marshall, Walnut st	2 00	300	House 2000, stable 300, land 27000 ft. 6300	22000	271 83
Ryan Matthew, Sewall pl	2 00		House 300, lot 1760 ft. 200	500	8 05
Sabin Charles W. Harvard av	2 00	1500			20 15
Sabin Charles W. tr. Harvard av			Land Beacon st. near Brighton line 7 1-2 a. 11000	11000	133 10
Sabin Mrs. Martha D. Harvard av			House 4500, land 19600 ft. 5800	10300	124 63
Salisbury Agnes, by tr. Cypress st		2000			24 20
Salisbury Stephen, est. Cypress st			House 5700, stable 800, land 22023 ft. 6200, house by Fitzgerald 5700, land 24377 ft. 12500.	30900	373 89
Sanderson Daniel, heirs of, Brighton st.			House 2500, stable 500, house by Watson 2500, stable 400, barn 300, land 11 9-10 a. 16500.	22700	274 67
Sargent Charles S. Perkins st	2 00	10000			123 00
Sargent Ignatius, Warren st	2 00	200000	Dwelling house 25000, stable 7000, dairy 1500, greenhouse 1000, do. 800, do. 600, house by Miss Murdock 300, do. by Ward 1000, land 19 a. 32300, house by Codman 14000, stable 1500, greenhouse 2000, land 14 a. 23800, house by Chas. S. Sargent 20000, land with do. 23 a. 34500, dwelling house formerly Dwight 9000, stable 1800, greenhouse 500, house by Mason 1500, stable 300, land with do. 25 1-2 a. 36000, land rear of church 9 a. 15300, do. Walnut st. 40000 ft. 4500, cow barn 3000, land 69041 ft. 4500, land of Thayer 86774 ft. 6000, house by Klattenburg 800, lot 1-3 a. 800.	249300	5438 53
Saville Richard L. Alton st	2 00	500	House 4500, stable 300, lot 31500 ft. 7000	11800	150 83
Sawyer George A. Francis st	2 00	500			8 05

Schlessinger Bartholo, Boylston st.	2	00	20000			244 00
Scudder Charles W. Linden pl	2	00		House 4500, stable 500, house-lot 17700 ft. 6500	11500	141 15
Seamans Frank F. Harvard st	2	00		House 3600, land 5770 ft. 4550	8100	100 01
Seamans James M. Cypress st	2	00	5000	House by self 4000, do. Searle av. 3800, house-lots 25686 ft. 7000, store Washington st. 4000, lot 3800 ft. 5000, stable White pl. 800, lot 2000 ft. 500.	25100	366 21
Seamans James M. & Co. Wash'n st.			7000			84 70
Searle Frederick A. Walnut pl	2	00	5000	House 5500, land 26704 ft. 6000, house Harvard st. 5000, lot 4971 ft. 2100.	18600	287 56
Searle Miss Sarah, High st				House 3800, lot 7130 ft. 1800	5600	67 76
Sears Isaac H. Kent st	2	00	1000	House 15000, lot 44230 ft. 17000, lot cor. St. Paul st. 46400 ft. 7500, lot Beacon st. 47825 ft. 8000.	47500	588 85
Sears William B. Washington st	2	00	2500	House 3000, stable 500, land 3 a. 8000	11500	171 40
Seaver Martha D. Longwood av				House 6000, lot 9175 ft. 3500	9500	114 95
Seaver William J. Jr. Longwood av.	2	00	1500			20 15
Seaverns Henry G. Webster st	2	00	1000			14 10
Seaverns Emily G. Webster st				House 4000, stable 400, land 1-3 a. 3000	7400	89 54
Seaverns Thomas, est. of			5000	House 4000, stable 500, land 1-3 a. 4500	9000	169 40
Seely Guy B. Walnut st	2	00	500			8 05
Shannon Cornelius, Sewall pl	2	00		House 300, lot 200	500	8 05
Shapleigh Richard W. Harvard st.	2	00	50000			607 00
Shea Jeremiah, White pl	2	00		House 800, barn 100, lot 2826 ft. 700	1600	21 36
Shea Morris, Boylston st	2	00		House 300, house-lot 300	600	9 26
Shaw S. Parkman, Ivy st	2	00	10000			123 00
Shehan John, White pl	2	00		House 1200, land 2379 ft. 700	1900	24 99
Shehan Honora, Brookline av				House 300, land 1-16 a. 400	700	8 47
Shewell Thomas R. Tappan st	2	00	1200	House 4500, stable 300, land 40465 ft. 4000	9400	260 94
Shields John, Thayer pl	2	00	100			3 21
Shurtleff Augustine, Boylston st.	2	00	22300	House High st. 3500, lot 19607 ft. 7500	11000	404 93
Shurtleff Augustine, tr. for Mrs. S. Shurtleff.			19000			229 90
Shurtleff Augustine, tr. for Mrs. T. E. Francis.			19000			229 90
Shurtleff Augustine, tr. for Mrs. D. H. Coolidge.			19000			229 90

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Shurtleff Samuel, est. of			House 5000, stable 800, house by Hovey 4000, land 3 7-8 a. 30000.	39800	481 58
Singleton Thomas C. Harvard st	2 00		House 4000, land 6866 ft. 2700	6700	83 07
Slack Lewis, Marion st	2 00	8000	House 2700, stable 300, carpenter shop 400, land 32507 ft. 9000.	12400	248 84
Smith Charles, Boylston st	2 00		House 1200, barn 300, land 1-2 a. 1200	2700	34 67
Smith Edmund S. Clyde st	2 00	500			8 05
Smith Mrs. Mary L. Clyde st			House 1000, stable 300, greenhouse 600, land 2 3-4 a. 2100.	4000	48 40
Smith Nahum, Harvard st	2 00	25000	House 800, barn 300, land 6 7-8 a. 18000	19100	535 61
Smith Whitman B. Harvard st	2 00	500			8 05
Smyth Abiel B. Francis st	2 00	500	House 4000, stable 500, land 22000 ft. 4400	8900	115 74
Spaulding Charles F. Washington st.	2 00	500			8 05
Spalding Edward, non-res		1000			12 10
Spofford Samuel W. Clyde st	2 00	3000			38 30
Stanfield Robert, White pl	2 00		House 900, stable 200, stable Juniper st. 100, land 2422 ft. 700, do. Juniper st. 2905 ft. 700.	2600	33 46
Stanwood Edward, Francis st	2 00	1000			14 10
Stearns Charles, Pleasant st	2 00	65000	House by self 3500, stable 500, shed 400, shop 500, house-lot and nursery 2 a. 26000, land Beacon and Pleasant sts. 2 5-8 a. 26000, do. cor. Beacon and Pleasant sts. 7-8 a. 13000, do. Sewall av. 1-4 of 10960 ft. 2500, house St. Paul st. 5500, lot 5787 ft. 2000, house Pleasant st. 4500, lot 1-2 a. 5500, house Washington st. 4000, lot 8856 ft. 5400, house Walnut st. 2700, lot 1-2 a. 1600, lot Babcock st. 13333 ft. 1800, house do. 5000, stable 600, lot 13378 ft. 2000, half of lot 9, 17694 ft. 2500, house-lot Kent st. formerly Merrill 14045 ft. 3000, half of lot 9 Babcock st. 17694 ft. 2500.	121000	2252 60

Stearns Charles, and heirs of Marshal.			Mill cottage 800, barns 200, land 7 1-2 a. 68000, land N. by Longwood av. W. by St. Paul st. 3 5-8 a. 30000, land N. by Longwood av. W. by Kent st. E. by R. R. 2 1-4 a. 26000, lot from Kent st. to Longwood av. around Bowditch 1 7-8 a. 9000, lot strip E. by St. Paul st. W. by Wm. & Chas. H. Stearns 1-2 a. 5000, lot cor. St. Paul st. W. by Wells 2500 ft. 1000.	140000	1694	00	
Stearns Charles H. Pleasant st.	2	00	8000		98	80	
Stearns George W. Boylston st.	2	00	800		11	68	
Stearns James P. Pleasant st.	2	00	2000		26	20	
Stearns Mrs. James P. Pleasant st.				House 7500, land 21600 ft. 6000	13500	163	35
Stearns Mrs. James P. by trustee.			8000		96	80	
Stearns John G. Pleasant st.	2	00	33000	Dwelling house 6500, stable 1200, land 85025 ft. 20000, house Longwood av. 4700, lot 9600 ft. 3000, land adjoining 23500 ft. 7000, do. L. & S. av. & Harvard st. 35200 ft. 13500, do. Longwood av. 44455 ft. 12000.	67900	1222	89
Stearns John G. Jr. Pleasant st.	2	00	8000	House 4500, land 14465 ft. 4500	9000	207	70
Stearns Marshal, heirs of, Sewall av.			50000	House by W. Stearns 4500, stable 500, land 6 a. 45000.		605	00
Stearns Nancy, Sewall av.			6000	House 1800, land 1 1-2 a. 14000	15800	263	78
Stearns William, Sewall av.	2	00	10000	House by Copeland 2800, stable 400, lot 12814 ft. 3000, house-lot S. av. cor. St. Paul st. 19809 ft. 4500.	10700	252	47
Stearns William & Charles H.				House-lots S. side Longwood av. 4 a. 28000	28000	338	80
Stearns William & Samuel Clark.				House-lots Juniper st. 24259 ft. 3800	3800	45	98
Stebbins Asa H. Colchester st.	2	00	1000			14	10
Stedman George E. Aspinwall av.	2	00		House 4500, land 37370 ft. 8000	12500	153	25
Stevens William H. Searle av.	2	00		House 2000, lot 6660 ft. 1800	3800	47	98
Stevenson Misses, Walnut pl.				House 4000, land 13000 ft. 2600	6600	79	86
Stitt Mrs. Ellen, White pl.				House 800, stable 100, lot 2804 ft. 700	1600	19	36
Stockton Howard et al. tr. Ivy st.			1000	House by Lawrence 7000, lot 26500 ft. 9000, house by Cunningham 6000, stable 500, lot 26500 ft. 9000, house by Shaw 6000, stable 500, lot 47769 ft. 16000, house by Hichborn 3500, lot 22472 ft. 9000.	66500	782	55
Stodder Henry F. Walnut st.	2	00	500			8	05
Stodder S. Caroline, at W. J. Seaver.			10000			121	00
Stone & Goodspeed, Washington st.			6000	Stable 2500, land 5000 ft. 6000	8500	175	45

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Stone Milton J. Cypress st	2 00		House 2800, greenhouse 1700, land 8000 ft. 1300, land adjoining 2 2-3 a. 9000.	14800	181 08
Storey Moorfield, Edge Hill Road	2 00	2000	House 8000, land 13148 ft. 3500	11500	165 35
Storrow Charles, Walley av	2 00	5000			62 50
Storrs Leonard K. Walnut st	2 00	500			8 05
Stuart William J. Juniper st	2 00		House 1100, lot 3052 ft. 700	1800	23 78
Stubbs Ira A. White pl	2 00		House 700, land 1900 ft. 600	1300	17 73
Sturgis John H. Boylston st	2 00	3500			44 35
Sturtevant John D. Cypress st	2 00	120000	House 6000, stable 800, land 1 1-16 a. 10500	17300	1663 33
Sullivan Florence, Juniper st	2 00	200	House 1000, stable 200, lot 3600 ft. 800	2000	28 62
Sullivan John, Pearl st	2 00	300	House 400, do. 100, barn 200, lot 1-16 a. 700, house by Kelley 700, do. by P. Sullivan 600, land Brighton st. 1 1-4 a. 2300.	5000	66 13
Sweeney Thomas, Ackers av	2 00		House 800, barn 300, land 1 1-4 a. 1500	2600	33 46
Swift Miss L. M. Washington st		800			9 68
Taffe William, Heath st	2 00	500			8 05
Taylor Washington J, Walnut st	2 00	1000	House 4000, land 16035 ft. 4000	8000	110 90
Taylor Mrs. Ann M. Walnut st		5000			60 50
Taylor Mrs. Elizabeth H. Harvard st.			House 8000, stable 1000, land 48161 ft. 26000, Livermore land 600, lot Gorham av. 23605 ft. 4000.	39600	479 16
Taylor Isaac, Harvard st	2 00	500			8 05
Taylor Mrs. Jessie, Brighton st		60000			726 00
Taylor John, est. of, Brighton st			House 12000, stable 1500, greenhouse 2000, land 22 1-3 a. 28000, house in rear 300, land 1 1-2 a. 1000.	44800	542 08
Taylor William H. Dudley st	2 00	2000	House 4500, stable 1000, land 90780 ft. 4500	10000	147 20
Thing Thomas W. Colonnade block.	2 00	300			5 63
Thomas Edward I. Harvard av	2 00	2000	House 6500, stable 1000, lot 25363 ft. 6500, lot Perry st. 14250 ft. 3000, do. Toxteth st. 14250 ft. 3000, do. Francis st. and Longwood av. 247000 ft. 20000.	40000	510 20

Thomas Rev. Reuen, Harvard st...	2 00	4000			50 40
Thompson George, Heath st.....	2 00	500	House 1800, stable 500, greenhouse 100, land 12 a. 8000, lot near Heath st. 1 3-4 a. 800.	11200	143 57
Thompson Samuel R. Summit av..	2 00	500			8 05
Thompson John, Davis av.....	2 00		House 1500, lot 5000 ft. 2500.....	4000	50 40
Thorndike Charles, Pleasant st....	2 00	14000			171 40
Thorndike H. Augusta, Pleasant st.		14000			169 40
Tobey Miss M. B. Linden pl.....			House 800, greenhouse 200, land 1-2 a. 3000.....	4000	48 40
Tompson Edward W. E. Francis st.	2 00	500	House by self 5500, stable 800, lot 22562 ft. 5500, house by Stanwood 4000, stable 500, double house by Gould 6000, do. by Farnham 6000, land 33072 ft. 8000.	36300	447 28
Tompson Samuel, Kent st.....	2 00	10000	House 6500, stable 1000, land 34910 ft. 9000.....	16500	322 65
Torrey George W. Freeman st.....	2 00	10000			123 00
Towle George M. Walnut pl.....	2 00	1000	House 3000, lot 21890 ft. 3200.....	6200	89 12
Towle Nathaniel C. Irving st.....	2 00		House 3300, land 4284 ft. 1800.....	5100	63 71
Towne Mrs. Francis R. High st....			House 1200, house-lot 2870 ft. 600.....	1800	21 78
Townsend John, Walnut st.....	2 00	24600			299 66
Townsend Mrs. John, Walnut st...			House 6000, stable 1200, land 37900 ft. 5000.....	12200	147 62
Tracy Christopher, St. Mary st....	2 00	200			4 42
Train Mrs. Francis G. Chestnut pl.		50000	House 4700, stable 400, lot 52400 ft. 4000.....	9100	715 11
Train Stephen G. Chestnut pl.....	2 00	1000			14 10
Train Samuel P. Chestnut pl.....	2 00	500			8 05
Trowbridge Charles P. School st..	2 00	500	House 2000, stable 300, land 1-4 a. 3000	5300	72 18
Trowbridge & Hill, Pearl st.....		3000			36 30
Trustees First Parish, Walnut st..			House 4500, land 1-2 a. 3000	7500	90 75
Tuscher John R. White pl.....	2 00		House 1200, lot 2379 ft. 700	1900	24 99
Turner Fergus B. Gorham av.....	2 00		House 1500, lot 5636 ft. 1100	2600	33 46
Tuttle Abraham D. Walnut st.....	2 00	1000			14 14
Twitchell Ginery, Harrison pl.....	2 00	30000	House 4700, stable 400, lot 14000 ft. 5600, house Andem pl. 1500, lot 1-4 a. 4000, barn 100, barn-lot 16963 ft. 3500, house-lot 4 Mellen land 32396 ft. 6500.	26300	683 23
Tyler George, Harrison pl.....	2 00		House 2800, lot 9100 ft. 3700.....	6500	80 65
Tyler William C. Pleasant st.....	2 00	2000	House 4000, lot 18000 ft. 4500.....	8500	129 05

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Upham Henry est. of, Warren st...		160000	House 15000, stable 1000, land 6 a. 10500.....	26500	2256 65
Uttley John, St. Paul st.....	2 00	16500			201 65
Uttley Emeline P. St. Paul st.....			House 7500, lot 25226 ft. 8000.....	15500	187 55
Van Slyck David B. Harvard st....	2 00	1500			20 15
Verney Mrs. Almira B. Wash'n st..			House Searle av. 3500, land 3606 ft. 1100.....	4600	55 66
Vinton Hammond, Monmouth ct...	2 00	1500			20 15
Von Arnim Theodore F. Prescott st.	2 00	25000	House 14000, stable 1000, lot 52800 ft. 16000.....	31000	679 60
Waldron Thomas, Brookline av....	2 00		House 1300, lot 3150 ft. 700.....	2000	26 20
Ward Andrew J. Tappan st.....	2 00	500			8 05
Ward Langdon S. Vernon st.....	2 00	1000	House 6000, school house 600, land 28966 ft. 6000 ..	12600	166 56
Ward Langdon S. adm. Vernon st.		13100			158 81
Ware Charles P. Walnut st.....	2 00	1000			14 10
Warren Mrs. Almira M. Warren st.		4000	House 3000, stable 500, land 39194 ft. 1700	5200	111 32
Warren Francis C. Warren st.....	2 00	3000	House by Sarah W. 4000, stable 500, land 55231 ft. 2200, house-lot corner Dudly st. 95696 ft. 4000.	10700	167 77
Warren Cyrus M. Walnut pl.....	2 00	9400	House 8000, stable 1000, laboratory 300, greenhouse 400, land 50000 ft. 9000	18700	342 01
Warren J. Sullivan, est. of.....			House by Mrs. W. 4000, stable 800, land 1 1-2 a. 4000, farm house 500, do. 100, barn 300, land 72 a. 30000, house-lot N. side Heath st. 2 a. 2500.....	42200	510 62
Warren Mrs. J. Sullivan, by E. D. Sohier, trustee.		35000			423 50
Warren Mrs. J. Sullivan, by C. H. Parker & E. D. Sohier, trustees.		15000			181 50

Warren Mrs. Lois, Warren st		5500			66	55
Warren Moses C. Harvard av	2 00	1500			20	15
Warren Frances M. Harvard av			House 4000, stable 500, land 78506 ft. 22000	26500	320	65
Warren Moses C. & Beals			House-lot Harvard st. 23101 ft. 9200	9200	111	32
Warren Sarah S. Warren st		4500			54	45
Warren Willard, Washington st	2 00		House 2000, stable 300, tannery 3200, land 2 a. 7000, house-lot 16250 ft. 2000.	14500	177	45
Wason Elbridge, Harvard st	2 00	30000	House 7000, stable 800, lot 50000 ft. 18500, double house Park st. 2500, lot 6447 ft. 1400, house Winchester st. 5000, stable 500, lot 9600 ft. 1800, house lot Beacon st. 58738 ft. 12500, house Harvard st. by Smith 1500, lot 11214 ft. 5000.	56500	1048	65
Watson Nicholas, Fay pl	2 00		House 1000, lot 2000 ft. 600, store Washington st. 1500, lot 3320 ft. 2600.	5700	70	97
Webber John H. Reservoir pl	2 00		House 1000, barn 200, land 12 a. 4000, house Washington st. at R. R. bridge 800, land 2854 ft. 3500.	9500	116	95
Weeks Allen S. Harrison pl	2 00	500			8	05
Welch Francis, Davis av	2 00		House 3000, lot 6701 ft. 2200	5200	64	92
Welch Francis W. Warren st	2 00	30400	House 10000, stable 2000, greenhouse 500, house by Dwight 5000, land 4 a. 8000.	25500	678	39
Welch Mrs. Mary Ann, Warren st		10000			121	00
Wellington Martha L. Cypress st			House 5000, stable 400, lot 9879 ft. 1700, house-lots Kendall est. 46695 ft. 4000.	11100	143	31
Wells Henry B. Longwood av	2 00	2000	House 6500, stable 800, lot 16638 ft. 4700	12000	171	40
Wells Sophia D. Colchester st			House 15000, stable 2000, lot 112746 ft. 35000	52000	629	20
Wesson Elijah B. Davis av	2 00	2000			26	20
Whalen Michael, White pl	2 00		House 800, stable 100, lot 1911 ft. 600	1500	20	15
White Francis A. Warren st	2 00	8000	House 6000, stable 500, greenhouse 700, land 222000 ft. 9000.	16200	294	82
White Isaac D. Beacon st	2 00	3000	House 8500, stable 700, greenhouse 300, land 5 1-2 a. 13000.	22500	310	55
White Joseph, heirs of, Brighton st			House 800, land 9 a. 16000	16800	193	60
White Warren, heirs of, Heath st			House 500, barn 100, land 17 a. 10500	11100	134	31

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Whiting Emeline T. Chestnut st...		11000	House 6500, stable 700, land 140505 ft. 11500.....	18700	359 37
Whiting Mrs. Emeline T. guardian.		1500	Land Gorham av. 46376 ft. 7000.....	7000	102 85
Whitney Henry M. Pleasant st.....	2 00	23000	Land Beacon st. 105000 ft. 12000, do. (for White) 217335 ft. 8000.	20000	522 30
Whitney James S. Pleasant st.....	2 00	12000	House 6000, stable 1200, lot 66175 ft. 24000, lot Green st. 107533 ft. 14000.	45200	694 12
Whitney Rufus H. Carlton st.....	2 00	3000			38 30
Whittemore Augustus, Carlton st..	2 00	7000	House 6000, lot 13000 ft. 11000.....	11000	219 80
Whyte Oliver, Babcock st.....	2 00	6700	House by self 6000, stable 1000, land 38254 ft. 6300, block 4 houses Boylston st. 6000, land 5000 ft. 4500, block 6 houses Walnut st. 9000, do. 2 houses cor. Washington and Walnut sts. 3500, land 5000 ft. 4000, block 2 houses Prospect st. 6500, lot 6000 ft. 1800, block 2 houses Harvard st. 7500, lot 9455 ft. 4200, lots on High st. 4646 ft. 2500.	62800	842 95
Whyte Miss Susan G. Goodwin pl.		5700	House 1800, house-lot 2150 ft. 1200.....	3000	105 27
Wilder William H. Park st.....	2 00	2500			32 25
Wilder Mrs. Hannah W. Park st...			House 5000, stable 1000, carriage house 400, land 38040 ft. 9000.	15400	186 34
Williams Arthur, St. Paul st.....	2 00	3000	House 8500, stable 1000, land 51185 ft. 13000, block 6 tenements School st. 5000, lot 8254 ft. 3000.	30500	407 35
Williams Charles A. High st.....	2 00	5000	House 2800, lot 10095 ft. 2500.....	5300	126 63
Williams Howard S. Beacon st....	2 00		House 4500, stable 500, land 4 3-4 a. 13000.....	18000	219 80
Williams Mary J. Walnut pl.....		7500	House 5500, stable 1000, greenhouse 200, land 3 1-4 a. 16000.	22700	365 42
Williams Moses Jr. Walnut st.....	2 00	6000	House 2500, stable 600, cottage 800, land 130997 ft. 11500.	15400	260 94
Wilson Edward C. Harvard st.....	2 00	85000	House 12000, stable 2500, do. 1500, greenhouse 200, land 63750 ft. 19000, do. 37542 ft. 9000, do. in rear 43677 ft. 4500, do. Auburn st. 38957 ft. 9000.	57700	1728 67

Wilson Edward C. and J. Sawyer trustees.			House-lots Babcock st. E. side between Dwight and Freeman sts. 5 a. 221297 ft, 22000, house-lots 5, 6, 7 Blaney's Plan 93902 ft. 11500, do. 14 to 17 and 19 to 21 inclusive 139087 ft. 18000, do. 22, 24 to 26, 28 to 31 inclusive 214181 ft. 25000, do. 33 and 34 corner Brighton av. 60500 ft. 8500, do. 35 W. side Babcock st. 11 7-8 a. 27000.	112000	1355	20	
Wilson Mrs. W. S. est. of, High st.			House 1500, lot High st. 3 7-8 a. 7000, stable 300, house Chestnut st. 1500, lot do. 76000 ft. 6000, barn 100, house Pearl st. 1500, lot 1-16 a. 600.	18500	204	49	
Winch William J. Walnut st.	2	00	500		8	05	
Winch Mrs. Elizabeth S. Walnut st.			House 3000, lot 6528 ft. 1300	4300	52	03	
Winchester Stephen J. Harvard st.	2	00	1000	House 8000, lot 6796 ft. 2700	10700	143	57
Wing Murray M. Colonnade Block.	2	00	200		4	42	
Winsor Afred, Walnut st	2	00	1000		14	10	
Winsor Alfred, estate of, Walnut st.			1800	House 4000, stable 500, land 1 1-4 a. 8500	1300	375	10
Winters Thomas, Heath st	2	00		House 100, lot 12155 ft. 300	400	6	84
Winthrop Robert C. Warren st	2	00	45000		546	50	
Winthrop Mrs. Robert C. Warren st.			375000	House 35000, farm-house 2000, do. 1500, stable 2000, barn 1500, greenhouse 5000, land 55 a. 60000.	107000	5832	20
Withington Catharine D. Walnut st.			House 1500, lot 5050 ft. 2200	3700	44	77	
Withington Moses, Beacon st.	2	00	3000	House 3500, stable 500, lot 29000 ft. 3000	7000	123	00
Withington Moses, trustee for S. J. Withington.			1000		12	10	
Wood Amos L. Harvard st	2	00		House 3500, stable 300, lot 26963 ft. 12000	15800	193	18
Wood Mrs. Annie D. Perry st				House 8000, lot 14250 ft. 3200	11200	135	52
Wood Charles H. Harvard st	2	00	44000		534	40	
Wood William, Babcock st	2	00		House 3200, land 17650 ft. 2000	5200	64	92
Wood William, Perry st	2	00		House 5500, lot 13500 ft. 3000	8500	110	90
Wood William B. Auburn st.	2	00	60000	House of T. Howe 22000, stable 5000, lot 59916 ft. 13000, lot adjoining Harvard st. 70000 ft. 24000, do. Vernon st. 78515 ft. 15000, do. Summit av. 111053 ft. 10000.	89000	1804	90
Wood James, Heath st	2	00		House 400, lot 13552 ft. 300	700	10	47
Woodward George B. Babcock st.	2	00	800	House 4000, lot 19250 ft. 2400	6400	89	12

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Woodward Isaac, Walnut st	2 00	500	House 3500, land 10000 ft. 3500	7000	92 75
Woodward Mary J. Newton st			House 500, lot 3-4 a. 500	1000	12 10
Woodward Royal, Walnut st	2 00	1000	House 2300, lot 2910 ft. 1400, shop 500, do. by Beals 800, lot 3186 ft. 3700, house by Spaulding 5300, lot 4216 ft. 4000.	18000	231 90
Worthley Daniel, estate of, Perry st.		1000	House 5000, lot 11437 ft. 2700	7700	105 27
Worthley George H. St. Paul st.	2 00	500	House 4500, lot 14881 ft. 4000	8500	110 90
Wrightington Charles W. Francis st	2 00	500	House 5500, house-lot 16552 ft. 4000	9500	123 00
Wright William R. Beacon st	2 00	1000			14 10
Young John D. Prospect st	2 00	500			8 05
Young Mrs. John W. Sewall st			House 800, lot 17905 ft. 2000	2800	33 38
Zecker John, Heath st	2 00		House 400, barn 100, lot 1 a. 400	900	12 89

LIST OF NON-RESIDENTS ASSESSED IN BROOKLINE FOR 1878.

NAMES AND RESIDENCES.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Abbott John E. Boston	House Harvard av. 3500, stable 1000, land 35482 ft. 8000	12500	151 25
Ackers Misses H. & M. Cambridge	House Boylston st. 1800, land 1 a. 2300	4100	49 61
Amory Mrs. Anna S. Boston	House Powell st. 8000, stable 1500, land 11 a. 60000	69500	840 95
Amory William, Boston	House Pleasant st. 5500, stable 800, land 1 1-4 a. 2000, land Ridgway est. Pleasant st. 80564 ft. 9600, do. Hyde Park 56640 ft. 8000, do. Pleasant st. 86000 ft. 10500.	36400	440 44
Ayer James C. est. of, Lowell	Undivided 2-3—House Harvard st. 4000, stable 650, barn 550, land 6 2-6 a. 22000.	27200	329 12
Ayer Frederick, Lowell	Undivided 1-3—House Harvard st. 2000, stable 350, barn 250, land 3 1-6 a. 11000.	13600	164 56
Bacon Francis E. Boston	House Clyde st. 1800, do. 500, barn 500, do. 400, barn and shed 500, land 89 a. 35000.	38700	468 27
Baker Joseph F. Boston	House-lot cor. Harvard and Babcock sts. 60600 ft.	15800	191 18
Baldwin George P. Boston	House Cottage st. 3000, stable 700, land 36800 ft. 2000	5700	68 97
Barker Lydia Ann, admx., Boston	House Dudley st. 2500, land 1-2 a. 1000	3500	42 35
Barker Sewall, Boston	House Walnut st. 3000, land 6000 ft. 1400	4400	53 24
Bates Samuel W. Boston	Land Fisher av. 35 .37 a. 36000, do. Tappan st. 3 .44 a. 6500, meadow 3 .89 a. 1200, woodland Clyde st. 5 a. 2000.	45700	552 97
Beals Mary F. New York	House Harvard st. 7000, land 18725 ft. 7600	14600	176 66
Belknap Lyman A. Boston	Land Beacon st. 8250 ft.	3600	43 56
Belknap Lyman A. & John H. Lee, Boston	Land Beacon st. 18559 ft.	8000	96 80
Bixby Mrs. E. A. J. Watertown	Double house Perry st. 9500, land 14400 ft. 3500	13000	157 30
Bixby Henry C. Springfield	Double house St. Paul st. 9000, land 14400 ft. 3600	12600	152 46
Boston & Albany R. R. Corp. Boston	Carpenter shop Fay pl. 200, shop lot 800, car house 1500, land 1 a. 25000, land at Longwood station 1 a. 5000.	32500	393 25
Boston City of	Land at Reservoir 1 1-8 a. 2500, do. Boylston st. 1-4 a. 800	3300	39 93
Boston Theological Seminary	Land Washington st. 14 a. 40000, do. Beacon and Tappan sts. 18 7-16 a. 65000.	105000	1270 50
Boston Water Power Co.	Land Brookline av. 9550 ft.	2000	24 20

NAMES AND RESIDENCES.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Boubier H. Toronto, Canada	Land Belmont av. 30051 ft	1000	12 10
Bradford Duncan, Boston	Land Summit av. 54400 ft	3000	36 30
Brigham William E. Jamaica Plain	Land Davis av. 8879 ft. 4000, do. Harvard st. 6704 ft. 3000	7000	84 70
Brookline Land Company	Land 40 1-2 a	125000	1512 50
Brown Atherten T. Boston	House 2000, stable 1200, land 31 1-8 a. 9000, land W. by South st. 16 1-4 a. 3500, swamp do. Grove st. 6 a. 600.	16300	209 33
Brown Benjamin W. & W. S	Land Flora st. 10180 ft	2000	24 20
Bruce Edward B. Baltimore	House Harvard av. 3500, stable 400, land 50000 ft. 9000	12900	156 09
Burkhardt George F. Boston	Land Newton st. 31 a. 4000, do. rear of saw-mill 5 a. 700, meadow S. side Heath st. 6 a. 900.	5600	67 76
Cabot Follen, Boston	House Edge Hill road 4500, land 20442 ft. 4500	9000	108 90
Carroll John, Newton	Land E. side Brookline av. 3427 ft	700	8 47
Charter Oak Bank, Hartford, Conn	House Prospect st. 3000, stable and shop 300, land 4943 ft. 4700, house do. 2500, stable 300, land 7303 ft. 4000.	14800	179 08
Cheney Gilman, Montreal, Canada	Land Goddard av. 7175 ft	200	2 42
Clark Caroline L. Boston	House Beacon st. 3500, stable 200, land 2 3-8 a. 12500	16200	196 02
Clark James W. Jr. Chelsea	House Carlton st. 5500, land 9000 ft. 3500	9000	108 90
Cormerais Emily C. Boston	Woodland Newton st. 8 a	800	9 68
Cousens Horace & John E. Newton	Block 5 tenements School st. 3000, land 7676 ft. 3200, house Harvard pl. 1400, land 2359 ft. 500.	8100	98 01
Cowen James H. Boston	Land Clyde st. 96800 ft	3500	42 35
Cowen John D. Australia	Land Clyde st. 96800 ft	3500	42 35
Cowen Edwin R. (unknown)	Land Clyde st. 127122 ft	3500	42 35
Cowen Thomas B. (unknown)	Land Clyde st. 132283 ft	3500	42 35
Craft Ebenezer, est. of, Boston	Woodland E. by Reservoir pl. 24 a	9600	116 16
Craft Lucy R. est. of	House 1500, stable 100, land 1 3-4 a. 15000	16600	200 86
Craft William A. Boston Highlands	Land Heath st. near Newton 10 a	1000	12 10
Craft William B. est. Cambridgeport	Land Gorham av. 25720 ft	6500	78 65

Crowninshield Harriet S. est. Boston..	House Pleasant st. 13000, stable 1500, greenhouse 500, land 16 a. 75000, house Dummer st. 8500, stable 1000, land 86400 ft. 20000, land between Brighton av. and Dummer st. 59542 ft. 15000, land between Pleasant, Dummer, St. Paul and Egmont sts. 121918 ft. 27000.	161500	1954	15
Curtis Nelson, Jamaica Plain.....	House Linden pl. 2500, land 3000 ft. 1000, house do. 2500, land 3000 ft. 1000.	7000	84	70
Curtis Catharine P. West Roxbury....	Land Newton st. near town lot 6 a.....	1500	18	15
Curtis Geo. S. & J. H. West Roxbury..	Land N. side Newton st. rear 26 a.....	2600	31	46
Dana Sarah F. Newton.....	House Vernon st. 2000, stable 500, land 10800 ft. 3000, house Monmouth st. 3500, land 18000 ft. 6600.	15600	188	76
Davis Samuel C. Boston Highlands....	Land Cypress st. N. by R. R. between R. R. and Goddard's 238219 ft. 10000, land S. side Tappan st. S. by R. R. 67119 ft. 4500.	14500	175	45
Davis Daniel, Boston.....	Land Ridgway est. Pleasant st. 8987 ft.....	1100	13	31
De Hauteville Frederic S. Boston.....	House Brown st. 10000, stable 1000, land 88145 ft. 18000, land between Brown, Powell and Beacon sts. intersected by St. Paul st. 11 1-3 a. 70000.	99000	1197	90
De Wolfe Mary, est. of, Boston.....	Land Newton st. 8 a.....	2400	29	04
Dexter William S. Boston.....	House Dummer st. 5000, stable 800, land 33264 ft. 9000.....	14800	179	08
Davis Isaac S. Boston.....	House Waverly pl. 3000, land 3520 ft. 1000.....	4000	48	40
Dodge Solomon H. Boston.....	Land Summit av. 113500 ft.....	4500	54	45
Dow Stephen, Woburn.....	House Beacon st. 2500, land 5 a. 17500, land Summit av. 2 a. 8000.	28000	338	80
Doyle Horatio N. Boston.....	Land Babcock st. 19850 ft.....	3000	36	30
Dresser Jacob A. Boston.....	Land Greene st. 21587 ft.....	3300	39	93
Dupee James A. Boston.....	Land White pl. 22690 ft. 6000, land S. side R. R. 1887 ft. 500..	6500	78	65
Dupee Horace, Boston.....	House Chestnut st. 6500, land 21800 ft. 3000.....	9500	114	95
Eager Mary H. Canton, Mass.....	House School st. 2000, land 7000 ft. 2100.....	4100	49	61
Edmunds Mrs. Mary S. Boston.....	Land Summit av. 18554 ft.....	1900	23	09
Edwards John F. Menominie, Wis....	Livermore land Washington st. 10000 ft. 600, do. 3000 ft. 200.	800	9	68
Ellis Calvin & Lucy, Boston.....	House Boylston st. 10000, stable 1500, land 5 a. 15000.....	26500	320	65
Ellis Charles, California.....	House Washington st. 3500, land 5155 ft. 3500.....	7000	84	70

NAMES AND RESIDENCES.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Ellis Charles M. est. of, Boston	(Personal estate)	4000	48 40
Emigrant Savings Bank, Boston	House Linden pl. 3000, stable 500, land 2 1-2 a. 12500, land adjoining 27895 ft. 4500, do. 7000 ft. 1500, house Harrison pl. 3800, stable 400, land 10700 ft. 3500.	29700	359 37
Evans Ransom F. Boston	House Washington st. 2500, barn 500, do. 500, greenhouse 200, land 4 5-8 a. 11000.	14700	177 87
Farnsworth Walter, Boston	House High st. 4500, stable 600, land 112242 ft. 20000	25100	303 71
Faulkner Charles, Boston	House Newton st. 1000, barn 1400, carriage house 800, small house 600, land 56 a. 23000.	26800	324 28
Faxon Mrs. Francis G. Boston	Double house Monmouth st. 7400, land 19500 ft. 7500	14900	180 29
Faxon J. W. Boston	Land Beacon st. 78272 ft	19000	229 90
Fegan William, Newton	House Heath st. 400, land 28408 ft. 1200	1600	19 36
Finneran William, Boston	House Brookline av. 800, land 3430 ft. 700	1500	18 15
Flagg Sumner, Boston	Land Irving st. 17660 ft	4400	60 50
Follen Charles, est. of, Boston	House White pl. 1300, do. 900, land 5670 ft. 1500	3700	44 77
Foulkes Henry G. Boston	Land Goddard av. 15980 ft	600	7 26
Francis Ebenezer, est. of, Boston	Land S. side Brighton av. 6 a. 18000, meadow 5 a. 5000	23000	278 30
French Mrs. Eliza S. Boston	Land Summit av. 31156 ft	3300	39 93
Fuller Mrs. James G. Providence	Land Sewall st. 1320 ft	300	3 63
Gaffield Thomas, Boston	House Heath st. 500, barn 500, land S. side Heath st. 60 a. 24000, house by Townsend 300, land N. side Heath st. 7 a. 5600, land N. side Heath st. 2 a. 1600, do. S. side Boylston st. 3 5-8 a. 3000, woodland Hammond st. 4 1-2 a. 600, woodland next Warren st. 5 1-4 a. 700, do. Hammond st. bought of Griggs 3-4 a. 200.	37000	447 70
Gallop Mrs. Susan H. Boston	Woodland Heath st. 16 a	2000	24 70
Godven John, Jamaica Plain	House Kerrigan pl. 800, land 2437 ft. 400	1200	14 52
Goodnough Charles E. Boston	Land N. side Newton st. 29 1-2 a	5900	71 39

Gould Lucretia D. et al	Land Beacon st. 15650 ft	5000	60	50
Gray William, Boston	House Warren st. 16000, stable 2500, shed 200, land 16 7-8 a. 30000.	48700	589	29
Greene Nathaniel G. Boston	Land Summit av. 153775 ft	12000	145	20
Hall Charles, Winchester	House Walnut st. 2700, land 6000 ft. 1200	3900	47	19
Hall Isaac P. Cambridge	House Harvard st. 4500, land 16350 ft. 4500	9000	108	90
Hall Theodore P. Boston Highlands	House Washington st. 900, land 10000 ft. 5000	5900	71	39
Halberg Nicholas, Boston	Land Belmont av. 7500 ft	300	3	63
Hancock Catharine D. Boston	Marsh Brookline av. 10971 ft	1500	18	15
Harback Nathaniel R. Newton Centre	Land N. side Reservoir pl. 2 a	500	6	05
Harmon Ruth L. Boston	House Harvard st. 9000, stable 1500, land 50638 ft. 13500	24000	290	40
Harrington Herbert A. Boston	Land Goddard av. 9643 ft	300	3	63
Harris Sarah J. Boston	Land Belmont av. 10105 ft	400	4	84
Hart S. Rowland, Boston	Six houses Sewall pl. 1800, land 11397 ft. 1300, 3 do. do. 900, land 6003 ft. 700, 4 do. do. 1200, land 7040 ft. 800, house formerly Elliot 300, land 2257 ft. 200, land 13315 ft. 1400.	8600	104	06
Hart T. N. & F. B. Taylor, Boston	Land High st. and Cumberland av. 76137 ft. 12500, do. Edge Hill road 18597 ft. 4500.	17000	205	70
Hart John, trustee, Boston	Land Newton st. 6 1-2 a	1000	12	10
Harvey Bernard, East Boston	Land Freeman st. 12329 ft	1500	18	15
Hentz Josiah G. Boston Highlands	Land Goddard av. and Belmont st. 50535 ft	1500	18	15
Homans Isaac S. Englewood, N. J	Land Beacon st. near Brighton line 1 1-4 a	2500	30	25
Hook Adeline L. Boston	House Newton st. 1800, stable 400, unfinished house 1500, land 16 1-2 a. 9000.	12700	153	67
Hooper Edward W. Cambridge	House Cottage st. 3500, stable 800, land 2 1-2 a. 4500	8800	106	48
House of the Good Shepherd	Four tenements Brookline av. 1500, land 6825 ft. 1700	3200	38	72
Howard Daniel Jr. Jamaica Plain	Land S. side Newton st. 12 a	5000	60	50
Howe J. Murray, Cambridge	House Gorham av. 5500, land 18500 ft. 3600, land Gorham and Davis avs. 76444 ft. 13500.	22600	273	46
Howe Thomas, Nahant	House Linden pl. 7500, stable 1000, land 1 1-4 a. 12000, cottage on marsh 500, land upland and marsh 90361 ft. 10000, cottage by Moss 500.	31500	381	15
Hunt David, Boston	House Monmouth st. 5500, land 19500 ft. 8000	13500	163	35

NAMES AND RESIDENCES.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
James Harvey, Newton	House Cypress st. 7500, land 4527 ft. 1200	8700	105 27
James Nathan N. Newton	House Waverly pl. 4500, land 3797 ft. 800	5300	64 13
Jenkins Sarah, Wollaston Heights	House Harvard st. 1200, land 5242 ft. 2300	3500	42 35
Johnson John, Boston Highlands	House Beacon st. 5000, stable 500, land 35513 ft. 6500	12000	145 20
John Hancock Mutual L. Ins. Co. Boston	House Englewood av. 12200, land 1 1-2 a. 3800	16000	193 60
Jordan Eben D. & Chas. Marsh, Boston.	House Washington st. 1200, barn and shed 800, land 1035151 ft. 48000, land Beacon st. 487273 ft. 28000, land Summit av. 12300 ft. 1000, land Winchester st. 302383 ft. 21000.	100000	1210 00
Kelley Patrick, Boston	Land Walter av. 3600 ft	800	9 68
Kettell John B. Roxbury	House Boylston st. 2000, land 3000 ft. 800	3800	33 88
Kingman John W. heirs, N. Bridgewater	House cor. Thayer pl. 2500, land 2700 ft. 2000	4500	54 45
Knowles William, Newton	House Heath st. 300, do. 600, land 11300 ft. 300	1200	14 52
Kenney Michael, Brighton	Dwelling house White pl. by Mrs. Lunney 800, land 3654 ft. 800.	1600	19 36
Langmaid Samuel P. Boston	Dwelling house Second st. 4000, house-lot 6000 ft. 1200	5200	62 92
Lawless John, Boston	Land Walter av. 3600 ft	300	9 68
Lawrence Mrs. William, Lawrence	Dwelling house Carlton st. 5500, land 14260 ft. 5600	11100	134 31
Lee Henry, Boston	Dwelling house Boylston st. 12000, stable 4000, land 3 5-8 a. 8000, dwelling house Catlin st. 3500, stable 500, land 1 3-4 a. 4500, land Chestnut Hill 15 1-2 a. 9500, meadow between Heath and Newton sts. 5 a. 600.	42600	515 46
Lee Henry, heirs of, Boston	Dwelling house Boylston st. by Sturgis 4500, stable 1200, dwelling house Catlin st. by O'Hern 500, land 4 a. 9500.	15700	189 97
Little Mrs. Mary R. Boston	Unfinished dwelling house Goddard av. 3000, stable 300, house lot, garden and woodland 17 1-2 a. 14000.	17300	209 33
Locke Horatio, Boston	Dwelling house Newton st. 2000, stable 600, land 2 a. 1500	4100	49 61
Loring Joshua, Boston	House Brighton st. 3500, stable 300, land 2 a. 3200	7000	84 70
Lovell John P. Boston	House-lot Francis st. 22200 ft	4200	50 82
Lowell John, Newton	Land N. by Brighton st. N. W. by town line 7 a. 2500, do. S. by Boylston st. W. by Hammond st. 5 a. 2500.	5000	60 50

Mansfield J. K. F. heirs, P. W. Peirce, agt	House-lot cor. Park and Marion sts. 12920 ft	2800	33	88
Martin Stephen C. Boston Highlands.	Brick stable Park st. 4500, cottage 1000, land 68295 ft. 11000.	16500	199	65
Mason Augustus, Brighton	Land upper end Washington st. 9 3-4 a.	14500	175	45
Mason Sarah B	House-lot W. side Summit av. 2 a.	5000	60	50
McCarty Mary, Boston	House-lot Brookline av. 6845 ft.	1300	15	73
McDermott James	House-lot Walter av. 3600 ft.	800	9	68
McKenzie Charles S. Norwood	Dwelling house Juniper st. 1200, house-lot 32 Kimball's plan 3600 ft. 800.	2000	24	20
McKinny James, est. of, Brighton	Part lot 11 Livermore land 11000 ft.	500	6	05
McNulty Edward, Dorchester	House-lot Boylston st. near Hammond st. 11066 ft.	500	6	05
Mealy Patrick, Milton	House Kerrigan pl. 1000, land 2479 ft. 400	1400	16	94
Merrill Brothers, Boston	Part lots 5 and 10 Livermore land 70006 ft	3000	36	30
Mohr John, Newton	House Heath st. 100, land 3 1-2 a. 800	900	10	89
Morss Charles A. Boston	House-lot 7 to 11 cor. Walnut and High sts. 11518 ft	6500	78	65
Morton Dana F. & W. P. Chesley, Boston	Brick block cor. School & Harvard sts. 12000, land 7000 ft. 4500	16500	199	65
Mulligan Martin F. & John, Boston	House-lot Walter av. 4280 ft.	900	10	89
Munroe Peter G. Boston	House-lot Marion st. E. by Ward 33100 ft	3300	39	93
Murnan Edward, Boston	House Juniper st. 1800, land 3600 ft. 800	2600	31	46
Murphy P. Francis, Boston Highlands.	House Ridgway st. 1700, do. do. 1700, land 7051 ft. 1000, land W. side Freeman st. 16262 ft. 2000.	6600	79	86
Nagle Mary, Boston Highlands	House-lot Walter av. 3600 ft	800	9	68
New England M. Life Ins. Co. Boston.	Kreissman Cottage 1500, stable 300, land 36365 ft. 9000.	10800	130	68
Nichols George B. Boston	Land Boylston st. 18 1-2 a.	9500	114	95
Nichols Richard C. Boston	House Brighton st. 2500, stable 300, land 3 1-2 a. 7000.	9800	118	58
Norcross Mary C. heirs of, Boston	Land Heath st. 2 3-5 a. 1800, do. S. side Heath st. 38 4-5 a. 9000.	10800	130	68
Norcross Otis, Boston	Land N. side Heath st. 3-5 a. 400, do. S. side 9 7-10 a. 2200.	2600	31	46
Northend Enoch T. & S. Moody, Newburyport.	Land W. side Beacon st. 69476 ft.	18000	217	80
Noyes Mrs. Helen McG. Wilmington	House 4700, house-lot 31571 ft. 8300	13000	157	30
Paul Joseph F. & Co. Boston	House Linden pl. 8500, stable 500, land 12000 ft. 3200	12200	147	62
Perkins Charles C. Boston	Woodland Chestnut st. 5 a.	10000	121	00
Pickering Arthur, Boston	House-lots Goddard av. 3 1-2 a.	2800	33	88
Porteous & McEwan, Portland, Me	House-lots 23 and 26 Shackell's plan 37387 ft. 1100, do. 169 do. 14628 ft. 400.	1500	18	15

NAMES AND RESIDENCES.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Pratt Samuel F. Newport, R. I.	Lot Linden pl. between Bishop and Howe 14742 ft	3600	43 56
Proctor T. P. trustee, Boston.	House Winchester st. by Greenough 4000, stable 700, land 32000 ft. 6400.	11100	134 31
Ray Mary J	Cottage Brighton st. by Mains 300, land 29296 ft. 1000	1300	15 73
Read Emeline H. Chelsea	House Elm pl. 3000, shop High st. 500, land 4744 ft. 2000	5500	66 55
Reed Charles T. Boston	Lot 61 Shackell's plan Goddard av. 9657 ft	400	4 84
Richardson Gedney K. Boston	House-lot Edge Hill road High st. 29817 ft	7500	90 75
Ridgeway S. S. estate of, Boston.	Lot 7 Pleasant st. 22393 ft. do. 25 in rear 7212 ft.	3600	43 56
Rives Mrs. William C. Boston	House Freeman st. 10000, stable 1000, house-lot Francis, Perry, Toxteth and St. Paul sts. 189605 ft. 34000, house-lots 46 and 47 adjoining Eustis est. 38861 ft. 9000, house-lot 49 between Eustis and Lincoln 17990 ft. 4500, house by Lincoln Still st. 9000, stable 1200, house-lots 50 and 51 Still, Brown and Pleasant sts. 44919 ft. 11000, house-lots 52 and 53 Still, Freeman and St. Paul sts. 32830 ft. 6500.	86200	1043 02
Robertson James Jr. Boston	House-lot High st. 1922 ft	1100	13 31
Robinson Alphonzo J. Jamaica Plain	Mowing land Avon st. 102502 ft	2000	24 20
Rowe Benjamin S. Boston	House-lot 62 Shackell's plan 11430 ft	400	4 84
Russell Daniel W. Hyde Park	House Washington st. 7500, stable 1500, land 20000 ft. 5000, greenhouse 500, house-lot Cypress st. 11247 ft. 2300, do. do. 10800 ft. 2200, do. do. 19362 ft. 4000, do. do. 8750 ft. 1700, do. Park st. 59023 ft. 7500.	32200	389 62
Ruggles Stephen P. Boston	Land Cottage st. 106838 ft	5000	60 50
Saltonstall Leverett, Boston	Land Chestnut Hill 3 a	1500	18 15
Sanford Estes H. Worcester	Livermore land 7500 ft	400	4 84
Sanford Horatio G. Gloucester	Land Webster st. 39634 ft	8500	102 85
Sawyer Wesley C	House Monmouth st. 4000, land 18000 ft. 7500	11500	139 18
Sawyer Nathan, Boston	House Park st. 2500, stable 500, land 40000 ft. 6000.	9000	108 90
Sayles Henry, Boston	House High st. 5500, house-lot 202000 ft. 44000, house-lot Pond av. 51938 ft. 6000.	55500	671 55

Schlessinger Sebastian B. Boston.....	House Clyde st. 4500, stable 1000, land 12 1-4 a. 7000, house 2500, land formerly Mrs. Kill 2 1-4 a. 1500.	16500	199 65
Schraubstadter Carl, St. Louis.....	House Prospect st. 2000, land 1-8 a. 2500.....	4500	54 45
Sears David, estate of, Boston.....	House Kent st. 22000, stable 3000, house-lot 256736 ft. 100000, lots 71, 72, 73, between Borland and Chatham sts. 66066 ft. 24000, lots 74, 75, 76, between Hawes and Monmouth sts. 72677 ft. 30000, lot Dudley st. 14271 ft. 6000, house Colchester st. 6000, lot 34623 ft. 12500, old cottage by Mrs. Welbasky 500, land 34586 ft. 12500, house Hawes st. 6000, land 34548 ft. 13000, house across railroad 1500, shop 400, land 1 a. 4000, lots 37, 45, St. Paul, Ewe, Dymoke and Freeman sts. 71260 ft. 12500, house-lot Monmouth st. next school house 5760 ft. 2000.	255900	3096 39
Sears David et al. trustees.....	Brick house 5500, do. 4500, do. 4500, do. 4800, block lot 51198 ft. 20000, house-lot Ridgway est. Pleasant st. 7506 ft. 900.	40200	486 42
Sears Frederic R. Boston.....	Dwelling-house Essex st. by Buckinham 18000, stable 1500, carriage-house 300, house-lots and mowing 10 a. 95000, dwelling-house cor. Essex st. and Brighton av. 9000, house-lots 17, 18 Sears' plan 102240 ft. 28000, house-lots 11 to 16 inclusive Brighton av. marsh 172800 ft. 2000, house-lots 38 to 44 inclusive between Essex, Freeman and Dymoke sts. 198800 ft. 15000.	183800	2223 98
Sears Frederic R. & Knyvet W. Boston.	House Egmont st. by Pierce 5000, stable 1000, house-lot Egmont, Pleasant, Thacher and St. Paul sts. 131312 ft. 28000.	34000	411 40
Sears Knyvet W. Boston.....	Dwelling-house Kent st. by Dane 15000, stable 1000, house-lot between Kent st. and Stearns, Beacon st. and Sewall av. 308740 ft. 72000, house-lots 54 to 59 Sears' plan Brown, Powell, Freeman and St. Paul sts. 124703 ft. 20000, house-lots 31 to 35 by St. Paul, Egmont, Dymoke and Thacher sts. 127250 ft. 20000, dwelling-house Egmont st. by Dexter 5500, stable 1200, barn 500, house-lots 26 to 30 Sears' plan St. Paul, Dunbar, Dymoke and Egmont sts. 124795 ft. 16000.	151200	1829 52
Seaver Wdward & William Jr. Boston.	House-lot cor. Cypress st. and Davis av. 52612 ft.....	11000	133 10
Selfridge Thomas O.....	Dwelling-house Harvard st. by Thomas 4500, stable 400, land 21931 ft. 6000.	10900	131 89

NAMES AND RESIDENCES.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST	TOTAL TAX.
Shackel Samuel et al. trustees	Mowing and woodland rear Walnut Hills Cemetery 30 a	12000	145 20
Shepherd John S. New York	Dwelling house Harvard st. by Griggs 3000, house-lot 27075 ft. 8500.	11500	139 15
Sherburne Edwin M. Boston	House White pl. formerly McIntosh 700; land 1900 ft. 600	1300	15 73
Smith Fannie A. Westboro	House Holden st. by Stone 3000, land 6496 ft. 3400	6400	77 44
Smith Lucy J. Westboro	House cor. Washington and Holden sts. 3500, land 5711 ft. 5200.	8700	105 27
Snow T. W. est. of, West Roxbury	Double house Newton st. by Lyons 400, house-lot 3-4 a. 700, house do. by Clifford 200, barn 100, house-lot 1 1-2 a. 1200, mowing Newton st. E. by town line 5 a. 3500.	6100	73 81
Sprague Henry H. Boston	House Francis st. by Hull 3000, lot 16888 ft. 3400	6400	77 44
Springer Enos O	House-lot and woodland saw-mill woods upper end Newton st. formerly Gipson 2 3-4 a.	600	7 26
Standish Mrs. Sarah, Boston	House Francis st. 6000, stable 500, land 15993 ft. 3500	10000	121 00
Stockton Howard & F. E. Bacon, Boston	Swamp and woodland Clyde st. rear of F. E. Bacon's 28 a	2800	33 88
Stockton Mary & Sarah Derby, Boston.	House-lot Beacon st. next Chaplin 19275 ft	2500	30 25
Suffolk Savings Bank, Boston	House Perry st. by Libby 6000, stable 1000, land 26487 ft. 5800.	12800	154 88
Symonds James L. Boston	Hotel upper end Beacon st. 3300, stable and shed 7000, unfinished hall 800, dwelling house 800, greenhouse 200, land 75995 ft. 4000.	10000	121 00
Thayer Elijah H. Boston	House-lot Winchester st. 44510 ft	3300	39 93
Tilden George T. Boston	House Prospect st. Corey Hill 2700, land 5125 ft. 600, house lot cor. Summit av. and Prospect st. 7400 ft. 1100.	4400	53 24
Tobey J. W. Boston Highlands	House-lot Linden pl. between Paul and Goodnow 6000 ft	1600	19 36
Trull Washington B. Concord, Mass	House Harvard av. by Gallison et al. 6000, do. 4500, house-lots 12000 ft. 5400.	15900	192 39
Union Charles H. Boston	House-lots Linden Place ct. 5, 6, 7, 8, 5807 ft	1000	12 10
Walker Samuel A. Boston	Lyceum Hall and store Washington st. 4000, stable 400, land 1-4 a. 7500.	11900	143 99
Ward Patrick W. West Roxbury	House rear Avon st. 500, barn 100, land 1 a. 700	1300	15 73

Warren Walter, Worcester	Two dwelling houses Walnut st. 12000, land 3913 ft. 1400	13400	162	14
Way Charles G. Boston	House-lot Longwood av. 17500 ft	4500	54	45
Weed Otis H. Dedham	House-lot Walter av. 4054 ft	900	10	89
Weld Aaron D. West Roxbury	Land South st. N. by Craft W. and S. by town line 50 a. 7500, woodland W. by South st. S. by town line N. by Craft 10 a. 2000, do. E. by Walnut Hills Cemetery W. by Craft 12 a. 2400, do. South st. in rear 4 a. 600.	12500	151	25
Weld James M. West Roxbury	Woodland and meadow Heath st. 5 a	700	8	47
Weld William F. Boston	Dwelling house Avon st. 6000, stable 1500, house-lot 15 a. 12000.	19500	235	95
Weld William G. Boston	Land Goddard av. 2 a	3000	36	30
Weltch Henry, Boston	House-lot 60 Shackell's plan Goddard av. 9307 ft	300	3	63
Wentworth Joseph, Concord, N. H	Lot Cypress st. 1-3 Moses Jones est. 2 1-4 a	16000	193	60
White Joseph H. Boston	Dwelling house Boylston st. 5000, farm house 800, stable 1500, barn 800, shed 200, fruit house 500, greenhouse 2500, house-lots, garden and mowing 54 1-4 a. 90000.	101300	1225	73
Whiting William, estate of	Mowing and woodland Avon st. 5 a	3500	42	36
Wild Edward A	House-lot 15 Livermore land formerly Curtis 5530 ft	500	6	05
Wild Walter H. Chelsea	House-lot Marion st. 45588 ft	3300	39	93
Willard Mrs. Sarah R. Weston	Dwelling house Summit av. by Mason 4500, stable 500, house-lot 64286 ft. 6500.	11500	139	15
Williams Harold, Boston	Dwelling house Reservoir pl. 1600, barn 900, land 7 a. 6500, double house Walnut st. cor. Boylston 2000, stable 500, house-lot 45561 ft. 4500.	16000	193	60
Williams John J. Boston	Dwelling house Harvard st. by Morris 3500, stable 300, house lot 57950 ft. 18000.	21800	263	78
Wright Eben, Boston	Hotel Kempsford Walnut st. 13000, Hotel Adelaide High st. 15000, dwelling house High st. 6000, hotel and house lots 12565 ft. 6000.	40000	532	40
Wright John S. estate of	Dwelling house Walnut st. 6000, stable 1000, do. 500, land 197496 ft. 60000, barn upper end Boylston st. 600, mowing between Boylston st. and Reservoir pl. 39 a. 21000, dwelling house Reservoir pl. by Sanderson 2500, barn 400, house cor. Boylston st. 2500, stable 500, house-lot by Sanderson 153120 ft. 2100, house-lot Boylston st. cor. Reservoir pl. 4 a. 4000.	101100	1223	31
Wrightington Benjamin F. Boston	House-lot Francis st. 18645 ft	4200	50	82

SUPPLEMENTARY

REPORT

OF THE

Brookline Water Board.

BROOKLINE:
PRINTED AT THE CHRONICLE JOB OFFICE.
1878.

10

In the Auditors' list of appropriations for 1878, there is recommended for the Extension of Water Works, the re-appropriation of $2608.08, being the amount remaining from the sale of Water Bonds; and that an additional sum of $2391.92 be appropriated, to be raised by taxation; making in the whole, $5000.00, which may be used in the extension of the Works. This amount was recommended in view of the requests for the extension of street mains, received by the Water Board up to the time of making their annual report, to wit: The Board ask that they may be authorized to pay the sum of $411.38 for the main laid by the order of the Sewer Committee in Mountfort and St. Mary's streets, and the sum of $59.16 for a main laid by Francis Maley, in Sewall place,— both of which amounts it was understood the Board would advise the town to repay — and also the sum of $1600.00 for the construction of the main in Harvard street, should the town authorize the laying of the same, on the petition of D. S. Coolidge and others. These requests are more fully set forth in the Annual Report presented at the March meeting.

Should the Water Board have authority to expend the sums above named, amounting in the aggregate to $2070.54, and reserving $1200.00 for the probable expenditure in laying service pipes during the year, there would remain of the $5000.00 recommended by the Auditors the sum of $1729.46, for any other extensions of mains and which was supposed to be sufficient to meet the requirements likely to arise. But since the report of the Board was made, they have received two petitions for street mains; one from James L. Little, Jr., for the continuation of the 6-inch main in Cottage street, from the point where

it now terminates, opposite the estate of Thomas Parsons, to a point opposite Mr. Little's estate on the corner of Cottage street and Goddard avenue, a distance of about nine hundred feet, at an estimated cost of $1200.00. Mr. Little has recently purchased this estate, and intends to make extensive improvements, and also to put another house on the premises. The water rates which he would pay would not probably be less than $40.00 per annum, and is likely to be considerably increased. He also offers, if the town will cause the main to be laid, to pay into the town treasury the sum of $350.00, as part of the expense incurred. The Water Board consider this a very liberal offer, and would advise the town to vote that this extension be laid. This work can be done within the appropriation recommended in the Auditors' Report.

The other petition is from Charles Stearns and nineteen others, for a 6-inch main in Babcock and Freeman streets, a distance of 3900 feet, at an estimated expense of $3700.00. The estimated immediate income from water consumers on this line is $90.00. The Water Board, taking into consideration the fact that these streets were specially laid out for building purposes, and that most of the lots abutting upon them are owned by persons who are not only paying large taxes, but also interest on the value of the land, and that they are, in consequence of there being no water supply, hindered from building themselves, or from disposing of the lots to others for building purposes, would advise that the town authorize the laying of water mains in these streets. To do this, it will be necessary that the appropriation asked for by the Auditors should be increased $3,500.00.

The Board would respectfully ask the town to take action on the following votes.

OLIVER WHYTE,
F. HUNNEWELL,
WM. J. GRIGGS,
} *Water Board.*

BROOKLINE, April 2, 1878.

Voted, That for the extension of Water Works, the town re-appropriate the sum of $2608.08, being the amount left from the sale of Water Bonds; and also appropriate the sum of $5891.92, to be raised by taxation; making the whole amount, $8500.00.

Voted, That the Water Board be authorized to pay Kenrick Brothers $411.38, also Francis Maley $59.16, for 2-inch mains laid in Mountfort and St. Mary's streets and Sewall place, and that the same be charged to the extension of Water Works.

Voted, That the Water Board be authorized to lay a 6-inch main in Harvard street, from the point where the main now ends, to a point near the Boston line, a distance of 1760 feet, at an estimated expense of $1600.00, and charge the same to extension of Water Works.

Voted, That the Water Board be authorized to lay a 6-inch main in Cottage street from the point where the main now ends to a point opposite the estate of James L. Little, Jr., a distance of 900 feet, at an estimated expense of $1200.00, upon Mr. Little agreeing to repay to the town $350.00, upon completion of the work, as part of the expense of laying the said main, the balance to be charged to extension of Water Works.

Voted, That the Water Board be authorized to lay a 6-inch main in Babcock and Freeman streets, a distance of 3900 feet, at an estimated expense of $3700.00, and charge the same to extension of Water Works.

REPORT ON WATER SUPPLY.

At the special town-meeting holden Oct. 10, 1878, the third article of the warrant — viz., "To see if the town will examine the cause of the alleged impurity of the water supplied from Charles River" — being under consideration, it was "*Voted*, That the subject-matter of this article be referred to a Committee, consisting of Messrs. Henry M. Whitney, Willard A. Humphrey, William H. Lincoln, and the Water Board, with a request that they report at the next annual meeting the full extent of the difficulty, and the best way to remedy it, and the cost of doing it, and that the Committee have power to consult experts."

The Committee appointed by the foregoing vote respectfully submit the following Report: —

The Committee find that "the cause of the alleged impurity of the water" is due to leakage of swamp-water into the conduit for carrying the filtered water from the filtering-galleries to the pumping-station. The conduit is made of wood, and the joints have shrunk; so that the swamp-water, in considerable quantities, leaks into the conduit, and is pumped with the filtered water into the reservoir, and is thence distributed throughout the town. That section of the conduit connecting the eastern and western filtering-galleries — about four hundred feet — is thought to be in sufficiently good condition to warrant its being left as it is for the present, and no estimates are therefore made for repairs upon that section. Previous to the appointment of this Committee the Water Board had given the subject much serious and careful consideration. They had at one time a portion of the conduit uncovered, and invited several engineers of note, residents and non-residents of the town, to examine the conduit.

Relying upon the opinion of these engineers and the opinion of the Water Board, we assumed, early in our investigation, that the best, if not the only, way of repairing this damage is by entirely rebuilding the conduit from the eastern end of the eastern filtering-gallery to the pumping-station, — a distance of 3,047 feet. It furthermore appeared to be desirable, that, in rebuilding the conduit, it should be placed in a lower level, to permit of drawing the water lower in the filtering-gallery, thereby increasing the supply. For facts in relation to the present supply and consumption, see Report of Water Board for 1879.

Mr. E. S. Philbrick, under date Dec. 31, 1878, estimated the cost of rebuilding the conduit with iron pipe twenty-four inches in diameter, using the present level and foundation, at $6.75 per running foot, or, for

3,047 feet	$20,566 25
Besides gates and manholes	2,000 00
	$22,566 25
Engineering, assumed by Committee, at	1,500 00
	$24,066 25
Besides which Mr. Philbrick thought it important that some new filtering-gallery should be built immediately, and estimated the cost at	3,000 00
Making a total of	27,066 25

Messrs. Shedd & Sawyer estimated the cost of rebuilding the conduit one foot lower than the present, with twenty-four-inch iron pipe, including engineering, at	$25,838 50
Including 850 feet of new gallery	35,400 00

Mr. Ernest W. Bowditch believed that it was advisable to drive piles for a foundation for the iron pipe. He examined personally the character of the ground, and gave the Committee estimates for connecting the pipes by two different methods. By one of these methods the cost was estimated at about $10.25 per running foot, or, for

3,047 feet	$31,232 00

By the other method, $9.67 per running foot, or, for

3,047 feet	$29,464 49

Without any increase of filtering-gallery.

Finding these estimates so large, the Committee next made inquiry as to the cost of moving the pumping-station to Cow Island, near the lower end of the filtering-galleries, connecting with the present force main by a new force main across the marsh, in place of the present conduit.

Messrs. Shedd & Sawyer's estimate for this, including 175 feet additional length of filtering-gallery, was $29,385, details of which were as follows: —

Engine-house, including drainage, heating, &c., pump-well, conduit, and screen-chamber	$15,000 00
Grading, including roadway	900 00
Removing engine and boiler, &c.	1,400 00
Force main 16″ diameter	8,335 00
Gallery 175 feet long with manhole and dam	2,250 00
Engineering	1,500 00
Total	$29,385 00

This did not include the cost of new house for engineer, as it was estimated that the present engineer's house and materials from old pumping-station would sell for sufficient to pay for the new house; neither does it include the cost of auxiliary engine, which would be needed immediately in case the pumping-station were moved, but which is needed wherever the pumping-station is located, and which the Water Board have already recommended the town to purchase, at a cost of about $3,000.

It was intended, in case the pumping-station were removed, to have the pumps placed upon a lower level, thereby permitting the water to be drawn lower in the galleries than it can now be done, which we consider would be an immediate and permanent advantage. The condition of the pumping-station is also such as to cause much anxiety to the Water Board in reference to the stability of the building and engine foundations.

In view, therefore, of the apparent advantages in favor of the removal, and the slight apparent difference in cost, we were, until quite recently, prepared to advise the town to move the pumping-station. But within a very few days we have received a proposal from Mr. James Driscoll for doing all the work of repairs, excepting furnishing the pipes and connecting them, for $2.47 per foot.

For 2,847 feet	$7,032 09
And for building 200 feet of new gallery in place of 200 feet of conduit	1,300 00
The iron pipe is estimated to cost $2.20 per foot, or, for 2,847 feet	6,263 40
Lead gaskets and connecting pipes estimated at	512 46
For manhole and iron gates	435 00
Engineering and incidentals	1,957 05
Total	$17,500 00

Considering that the cost of moving the pumping-station would be from $15,000 to $17,000 more than the cost of a new conduit in the present location, according to the proposals given above, we recommend the town to adopt this course, and we offer the following vote : —

Voted, That the sum of $17,500 be appropriated for repairing the conduit from the eastern end of the filtering-gallery to the pumping-station, and for building two hundred feet of filtering-gallery, the same to be expended under the direction of the Water Board, with Messrs. Shedd & Sawyer as consulting and supervising engineers.

The estimates and reports from the engineers and experts who have been consulted by the Committee are left on file with the Water Board, for reference and examination by citizens who may feel desirous of obtaining more detailed information than is contained in this Report.

HENRY M. WHITNEY.
W. H. LINCOLN.
W. J. GRIGGS.
WILLARD A. HUMPHREY.
OLIVER WHYTE.
FRANCIS HUNNEWELL.

REPORT

OF THE

ENGINEER ON CONSTRUCTION

OF

MAIN SEWER,

ALSO

REPORT

OF THE

COMMITTEE ON SEWER ASSESSMENTS

OF THE

TOWN OF BROOKLINE.



BROOKLINE CHRONICLE PRESS.
1878.

REPORT

OF THE

ENGINEER ON CONSTRUCTION

OF

MAIN SEWER,

FOR THE

TOWN OF BROOKLINE.



BROOKLINE:
CHRONICLE PRESS.
1878.

REPORT OF ENGINEER.

To the Selectmen of the Town of Brookline:

Gentlemen, — I have now to report the completion of the main sewer from the village to Charles river as ordered by you last spring.

It has been laid in Washington street, Brookline avenue, the Playground, northerly of and near the Brookline Branch railroad, through Carlton street, Beacon street, St. Mary's street, and in the line of St. Mary's street extended to the Harbor Commissioners' Line in Charles river. Its position is more accurately stated in the "Location of Main Sewer" made by the Selectmen December 27, 1876, and represented upon an accompanying plan, except that the sewer has been laid on the northerly side of Washington street instead of on the southerly side as there given.

At its outlet the sewer is entirely submerged, the interior crown being at zero of the Boston base, or mean low water in Boston harbor, which is below mean low water at the point in Charles river where the sewer discharges.

From the Harbor Commissioners' Line the grade of the sewer rises 1 in 29.762, a distance of 266.15 feet, to the bank of Charles river where the elevation of the crown is 9 32 and the elevation of the invert is 1.90. The size of this section of sewer is 7 ft. by 7 ft. 5 in., except just at the outlet where it is 7 ft. circular. From the bank of the river to Aspinwall brook, a

distance of 6,625.65 feet, the grade rises about 1 in 2,000. The elevation of the crown at the junction of Beacon and Carlton streets, where the size changes, a distance of 2,308.61 feet from the bank of Charles river, is 10.48 and the elevation of the invert at the same point is 3.06. The size of sewer below Carlton street is 7 ft. by 7 ft. 5 in., and above Beacon street it is 6 ft. by 7 ft. 1 in. At Aspinwall brook the elevation of the crown is 12.29 and of the invert 5.21. From this point, in a distance of 122.35 feet, crossing the Brookline Branch railroad, the sewer reduces to 4 ft. by 6 ft., and then to 4 ft. circular, and the grade rises about 1 in 2,000. At the end of the second reducer the elevation of the crown is 12.28 and the elevation of the invert is 8.28. At this point the grade line coincides with the crown of the sewer, but between this and the outlet the sewer has been constructed slightly larger than was originally planned, and the crown rises above the grade line by the amount of this excess of size, which is one inch in height from Aspinwall brook to Beacon street, and five inches in height from Carlton street to near the Harbor Commissioners' Line. From the end of the second reducer above mentioned the grade rises about 1 in 1,000 to the end of the sewer near the central railroad station. For a distance of 1,261.55 feet, to Washington street near Brookline avenue, and opposite the Gas Works, the size of the sewer is 4 ft. in diameter, circular. The elevation of the crown, at the end of this size is 13.55 and the elevation of the invert is 9.55. Thence to the terminus in Washington street near the railroad station, a distance of 901.70 feet, the size of the sewer is 30 in. by 45 in. elliptical. The elevation of the crown at the end, is 14.45 and that of the invert is 10.70. The whole length of the sewer is 9,177.40 feet or 1.738 miles. At its upper terminus the interior crown is 1.55 ft. below the cellar grade established by the town.

Bevelled pipes, six inches in diameter, are built into the sides or into the crown of the sewer to facilitate making connections for house drainage, at intervals of about forty feet, from the bank of Charles river to Aspinwall brook. Where the depth of

earth above the crown exceeds twelve feet, these connections were inserted in the top of the sewer, and can be entered from either side of the street. The pipes are extended above the crown, in deep cutting, so that the depth of trench for the private drain, to be connected with the sewer, need not be excessive. Where the cutting was moderate these connections were inserted on both sides of the sewer, except on the easterly side for a a distance of about eleven hundred feet below Aspinwall brook, and a distance of about two hundred and forty feet on the easterly side, near Longwood Station, where the sewer is located in the old bed of Muddy river. From Aspinwall brook to a point near the junction of Pearl place and Washington street—except through the Playground—six-inch connections were put in on both sides of the sewer, at intervals of about forty feet. From near Pearl place to the terminus such connections were put in on the northerly side of the sewer, at intervals of about twenty feet.

Bevelled pipes, twelve inches in diameter, are built into the walls at points where it is supposed that catch-basins or small lateral sewers will need to be connected.

An inlet is provided for a brick sewer eighteen inches in diameter from Ivy street, and one for a sewer four feet in diameter at Aspinwall brook.

The sewer passes under the old bed of the brook which crosses Washington street, near the railroad. At this point a North River flagging-stone, two feet wide and six and one-half feet long, was built into the crown of the sewer in such a way as to replace the bed of the brook which crosses over it. Through the stone a slot four and one-half inches wide and four and one-half feet long is cut, longitudinally with the sewer, so that the flow of the brook, in such amount as will pass through the opening, may at all times be received into the sewer. This opening may be reduced to a greater or less extent, so that any needed quantity may be received from the brook. Whatever flow of water there may be in the brook, in excess of this quantity, will pass on as before, in the old channel. At present the aperture is wholly closed.

The existing sewer in Washington street, north of the railroad, was connected with the upper terminus of the main sewer. Just below this connection the main sewer crosses under the new bed of the brook, without connecting.

On Washington steet, opposite the Gas Works, about 61½ feet above Walter avenue, a sump was built below the existing sewer, and from that a pipe twelve inches in diameter was laid to connect with the main sewer. By this means all the ordinary flow and the rainfall from a large proportion of the storms, which formerly passed this point, is turned into the main sewer. The excess of flow from extraordinary storms will pass on by the old outlet to Muddy river.

The sewer is made to cross the brook channel on Brookline avenue, below the Gas Works, through an iron pipe four feet in diameter, and about twelve feet long. The channel was enlarged so that the area for the flow of the brook water is as great where the sewer pipe crosses as at other points in the channel. In addition to this a pit was constructed in the bottom of the channel, under the pipe, twelve feet long, seven feet wide and three feet deep, which will add to the discharging area of the brook channel, so long as it is not filled with deposits.

Until a lateral sewer is constructed near Aspinwall brook, the ordinary flow of the brook will pass into the sewer through the four feet connection. For the passage of excessive storm-waters a channel was built crossing under the sewer and connecting with the old culvert under the railroad. This channel forms a pit where solid matter, brought down the brook, will collect and need to be cleared out periodically.

Near this point, and on the south-east side of the railroad, the new brook channel and the main sewer cross each other at such a level that the invert of the main sewer is about two feet below the bottom of the brook channel. The sides of the channel and of the sewer are at present cut away so that there is free flow between them. When the flow of the sewer and the brook exceeds two feet in depth in the sewer, it will rise above the

bottom of the brook and spread a certain distance down stream. But the bottom of the brook is lower here than it is a little distance down stream, so that the depth must exceed about three feet in the sewer before a flow will take place through the brook into Muddy river. Under these circumstances it was thought that some years would elapse before objection would arise to the escape of water from the sewer. But whenever objection is fairly made to this arrangement the brook can be carried under the sewer at small cost by a sunken channel, similar to that provided for the storm-waters of Aspinwall brook. When this is done an overflow from the sewer should be preserved. Above the brook, the sewer is 4 ft. in diameter, below the brook it is 4 ft. by 6 ft.

An overflow weir to discharge excessive storm-waters from the sewer into Muddy river is constructed about 206 ft. below Longwood avenue. It is formed by inserting two granite sills in the easterly wall of the sewer, so that their rounded upper surfaces are one foot below the inside crown of the sewer. The two sills together thus form a weir 12⅔ feet long, over which water can flow to a depth of one foot before the sewer will be overcharged. Having passed this weir the storm-water falls into an outer chamber from which it is conducted to Muddy river through an arched channel 6 by 4⅔ ft. in diameter, passing under the railroad track. The chamber and the sewer are spanned by an arch of five feet radius covering the weir.

Two flushing gates are inserted in the sewer. One is just above the overflow, near Longwood avenue, and the other in St. Mary's street, near the northerly line of Beacon street. These gates are made of oak and hard-pine wood formed into one piece and arranged to swing upon horizontal axes. The axis is placed below the middle of each gate and turns in sheet-brass thimbles built into the walls of the sewer. When closed, the gate fills the section of the sewer, and when open it lies horizontally and offers but slight obstruction to the flow. When the sewer needs to be flushed one of these gates can be closed, at about high-tide, so as to retain the water above it until the tide has fallen and that por-

tion of the sewer below the gate is nearly empty. On opening the gate at this time, the great volume of water which has been pent up escapes with such a velocity as to wash all deposit before it out of the sewer.

Twenty-seven manholes are built at intervals in the lime, from the sewer up to the surface of the ground, where they are capped with cast-iron frames and covers. Iron bars like ladder-rounds, or brick steps, are inserted in the sides of the manholes to facilitate passing between the surface and the sewer. At five other points, manholes are built a certain distance above the sewer and capped with stone. These can be extended to the surface if it should be convenient to use them. One manhole frame and cover was set in the brook channel near the section of 4 ft. iron pipe, on Brookline avenue.

Eighteen catch-basins have been set at different points, and connected with the sewer. An old catch-basin, on Longwood avenue, was rebuilt and connected. These basins should be examined occasionally, especially after a heavy rain-fall, and when the solid contents exceed a foot in depth they should be cleared out.

Through a large portion of its length the sewer was built in "difficult ground." Nearly all of it required close sheeting. About one-third of a mile in length was founded in quicksand, and about one-fourth of a mile in nearly fluid marsh-mud. The outlet is submerged at all stages of the tide. From Brighton avenue to Beacon street, a total distance of about 1,700 feet, the volume of water draining into the sewer trench was so great that two steam-pumps, each having discharge pipes 6 inches in diameter, were kept constantly at work day and night. From thence to the marsh near Christ Church one such pump was constantly at work. Between Longwood Station and Aspinwall avenue one steam-pump was run more or less during the daytime. Near and across Aspinwall avenue it was run constantly. On Washington street from Brookline avenue to a point about 200 feet above Pearl street the steam-pump was in constant use.

In Carlton street from near Monmouth street to Colchester street, a distance of about 525 feet, the average depth of trench for the sewer was about 22 feet. The material was coarse sand and quicksand. Near Monmouth street the quicksand extended about 125 feet in length of the sewer. The deepest cut at this point was about 23 feet.

From Carlton street to a point opposite Christ Church, a distance of about 800 feet, the sewer trench was cut in the side slope of the Brookline Branch railroad and within the railroad location. The necessity for keeping off the private grounds on one side and the frequent passing of trains close to the work on the other, with a body of loose earth to be supported on one side of the trench, very much higher than that on the other, together with quicksand, a part of the way, to be dealt with in the bottom, made this a dangerous and difficult piece of work.

The southerly retaining wall of Longwood avenue being high and heavy, the sewer was carried under it, and under a portion of Longwood avenue, in tunnel. As the lower portion of this tunnel was in quicksand, the process was too expensive to warrant its being continued beyond a point where open cutting became practicable. The depth of open cutting at this point was about thirty feet.

The depth of open cutting at Aspinwall avenue was about twenty-eight feet.

The sewer was laid in quicksand in the following localities :

A portion of Beacon street, a portion of Carlton street, between Colchester street and the railroad, near Longwood avenue, near Aspinwall avenue, and in Washington street, from Brighton avenue to within about one hundred and sixty-one feet of the terminus of the sewer. The whole length in quicksand is about 1,717 feet. Many of the citizens of Brookline will remember the great delay and expense incurred by the Boston Water Department on account of quicksand, in laying the 40-inch water main around the corner from Washington street into Brookline avenue. It was necessary for our sewer to pass alongside of this

pipe for some distance, and the excavation of our trench exposed the water pipe a portion of the way. The sewer was laid several feet deeper than the water pipe, but the work was accomplished without disturbing the pipe or any other structure. The theory on which quicksand was everywhere treated was to draw away the water below the level of our work, without allowing the fine sand to follow it.

The only point in the line of sewer where our first treatment was not entirely successful was in the marsh mud. This material proved to be much softer and more unstable than was anticipated.

The marshes crossed by the sewer are located, and may be defined, as follows:

First. One nearly opposite Christ Church, about 320 feet long, in which piles were driven from 19 to 35 feet in depth below the marsh level, or in general about 28 feet deep. The invert or water line of the sewer is about 4 feet above the Boston base, or 6 to 7 feet below the marsh level. This marsh may be called the Sears marsh.

Second. The old bed of Muddy river, and the marsh near it, south of Longwood Station, about 500 feet in length, where piles were driven from 16 to 29 feet below marsh level, averaging about 21 feet. The invert is about 4.3 feet above the base. This may be called the Stearns marsh.

Third. The marsh north-easterly from Aspinwall avenue, about 500 feet long, where a large proportion of the piles ranged from 36 to 48 feet in length. Here the invert is about 4.8 feet above the base. This may be called the Davis marsh.

South of Aspinwall avenue the marsh mud was shallow, and cross walls of stone two or three feet high were put in to support the sewer.

Through the deep marshes the sewer rests upon piles and stringers. The piles are driven in two rows, one row under each side wall of the sewer at intervals of 5, 6, $6\frac{2}{3}$, $7\frac{1}{2}$, 8 or 10 feet according to the character or the depth of the mud. Each pile was notched to form a rest for an 8 ″ x 12 ″ stringer which was

run longitudinally and bolted to each pile. This arrangement furnished a complete support to the body of the sewer and whatever load might come upon it. Only a narrow strip of the invert depended at all upon the earth for support. As only a vertical load comes upon the piles from the sewer, and each pile is entirely buried in earth, it was thought there would be sufficient stability without side bracing. After the piles were driven, a trench seven or eight feet in depth in one marsh and about six feet deep in the others, was dug for the sewer; the stringers were placed, and the sewer was built. While the first excavation was in progress, in the Sears marsh, it was observed that some of the piles on one side leaned inwards towards the axis of the sewer, but the assistant engineer in charge thought this was owing to inaccuracy in driving and he did not hestitate to build the sewer upon them. As it now appears, however, this indicated that the mud, which was elastic, when relieved of a load by the excavation of the trench, swelled up from beneath, like the expansion of a sponge, and this in turn relieving the sides from pressure to a certain extent, caused a lateral motion of the mud which carried the piles inward along with it. This motion was less on the side next the railroad, where the embankment had consolidated the mud somewhat. This lateral motion continued, slightly, after the brickwork was laid, causing cracks to appear in the invert, and, later, when the load of a full flow of water came upon the work, a narrow strip of the bottom settled one or two inches for a length of about eighty feet.

When the cracks in the invert first appeared, braces were introduced in the work yet to be done, between the piles, laterally, which also, to a certain extent, furnished a support to the invert. The settlement occurred in that portion of the work built before the cross braces were introduced.

In order to restore this strip of the invert to its proper position, and secure the work against further settlement, cuts were made across the bottom at intervals of about $3\frac{1}{3}$ feet, and bent iron straps passing from side to side below the inner course

of brickwork were securely fastened with screw bolts to the stringers. The inner course, four inches thick, was then removed and relaid upon a layer of concrete well rammed in place and brought to the proper height. After this, iron straps were put in, at intervals of about five feet, all the way across the marshes. The iron, being entirely enclosed in masonry and coated with coal-tar, will not be liable to rapid oxidation. The whole arrangement may be seen represented upon the following diagram, No. 7.

It is evident from this experience that piling is the only suitable support for the sewer, in such material, if it is of much depth. An embankment would not find firm foundation for many years; indeed, the railroad embankment, which has been laid for more than a quarter of a century and has been subjected to heavy trains which aid its consolidation, is still settling. The marsh-mud south of Aspinwall avenue is not very deep but the sewer, or new brook channel, built there by the town, east of the railroad, in 1869 or 1870, is about a foot lower in the marsh than under Aspinwall avenue, which is down stream from the marsh.

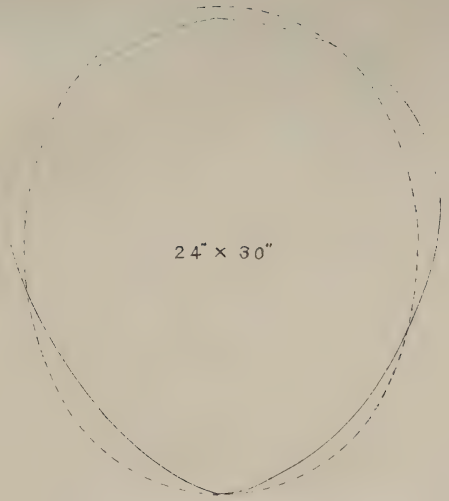
In a sewer of such flat grade as that of the main sewer, and depending on the flow to keep the invert free from deposit, even a slight settlement is objectionable.

Notwithstanding the settling and repairing in Sears marsh, the sewer retains its shape remarkably well. Every one who is accustomed to measuring the cross-section of sewers, after the masonry is set, knows that it is rare to find a shape exactly according to plan. To illustrate this the following three sections, Nos. 1, 2 and 3, are given.

No. 1 is a section of the sewer previously built in Washington street north of the railroad, and now emptying into the main sewer. The full line represents the contour of the sewer as it now stands, from accurate measurements, and the dotted line represents the intended cross-section, as understood. The wall is single course, or four inch, brickwork.

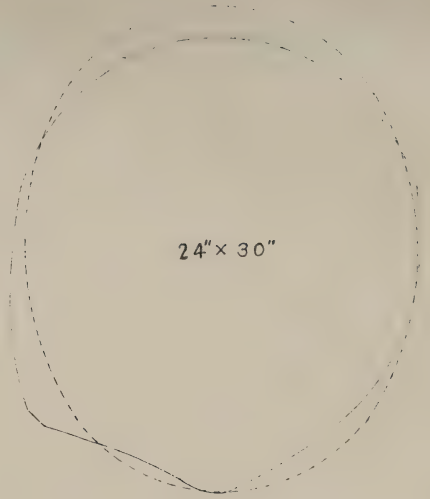
No. 2 is a section of the new brook channel, previously built, crossing Washington street within the railroad location. The

No. 1.



Scale: 1 foot to an inch.

No. 3.



Scale: 1 foot to an inch.

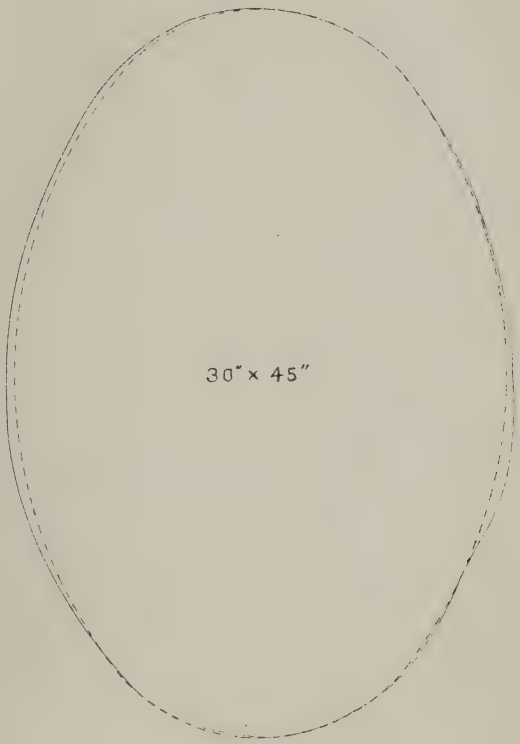
THE HELIOTYPE PRINTING CO. 220 DEVONSHIRE ST BOSTON

No. 2.



Scale: 2 feet to an inch.

No. 4.



Scale: 1 foot to an inch.

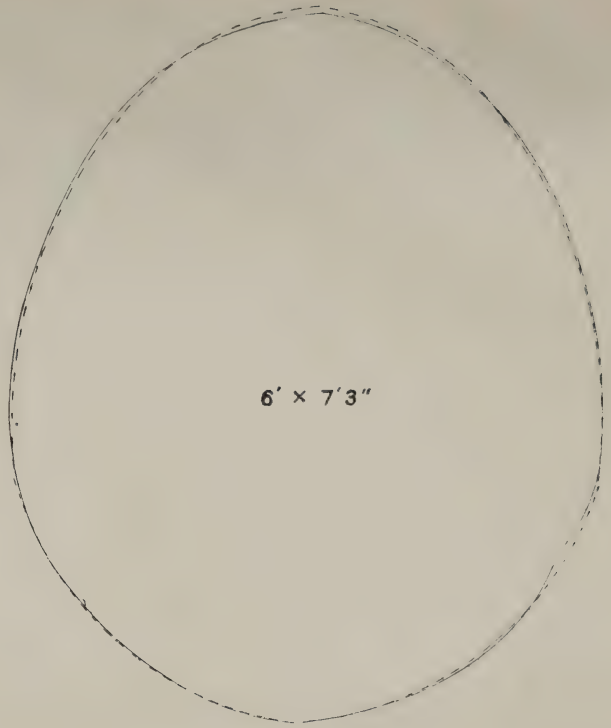
The Heliotype Printing Co. 220 Devonshire St. Boston

No. 5.



Scale: 2 feet to an inch.

No. 6.



Scale: 2 feet to an inch.

THE HELIOTYPE PRINTING CO. 220 DEVONSHIRE ST BOSTON

new main sewer crosses under this channel. As before, the full line represents the present contour, from accurate measurements, and the dotted line the intended section. The wall of this channel is three course, or twelve inch, brickwork.

No. 3 is a section of sewer previously built, in Washington street, near the Gas Works. This sewer is on the south side of the street and was connected with the new main sewer by a pipe, crossing the street. The full line represents the accurately measured contour, and the dotted line the intended section. The wall is single course, or four inch, brickwork.

It is probable that many existing sewers which are doing their work in different cities and towns have sections worse than these, though the smaller sewers are more out of shape than ought to be allowed.

The following six illustrations Nos. 4, 5, 6, 7, 8 and 9, represent sections of the new main sewer, as now existing, from accurate measurements. The full lines showing the present contour, and the dotted lines the intended section.

Other things being equal, the stability of a sewer depends largely upon the thickness of its wall compared with its diameter. In the new main sewer the walls are comparatively thinner than in the sewers previously built and represented in the first three sections. The 30″ x 45″ sewer has only a single course, or four inch wall. The other sizes have double course, or eight inch walls, where brick is used, both in the crown and invert. Much the larger portion of the 7′ x 7′ 5″ and 6′ x 7′ 1″ sewers have a stone arch for the crown, intended to be equivalent to an eight inch brick wall. After the masonry has set, the form may be considered permanent and no change will take place, from lapse of time, except under extraordinary circumstances.

No. 4 is a section of the sewer built in the worst quicksand found in Washington street, opposite the Gas Works.

No. 5 is a section of the sewer nearly in the middle of the Davis marsh, where the mud is deepest.

No. 6 is a section about in the middle of the old bed of Muddy river, in the Stearns marsh.

No. 7 is a section about in the middle of Sears marsh, where the settlement took place. This diagram also illustrates the mode of construction in the marshes.

No. 8 is a section in the deep cut in Carlton street, where the fill is 18⅓ feet above the springing of the arch.

No. 9 is a section in St. Mary's street, under the middle of the Albany Railroad track.

The two sections in the Stearns and Davis marshes represent the crown set one course higher than elsewhere.

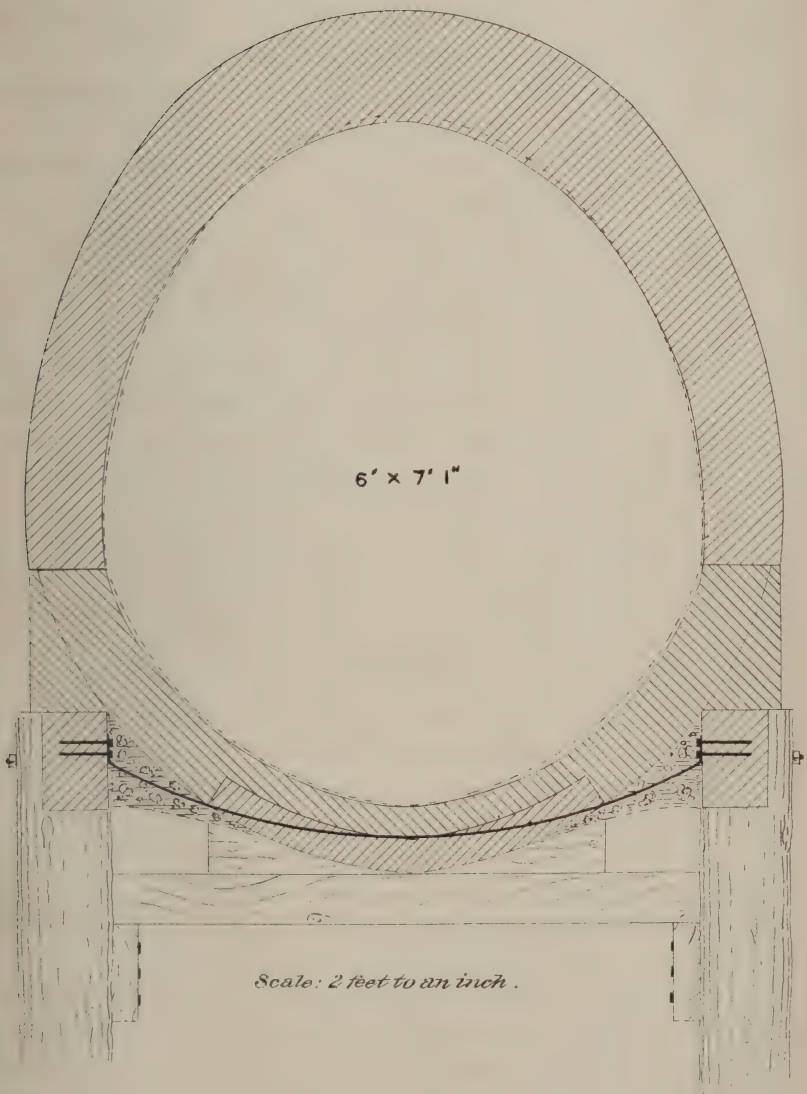
Considering the character of the earth in which the sewer is founded, at the points represented, it is very gratifying that the sections have retained their shape so much better than sewers ordinarily do, even in good ground.

It will be noticed that section No. 5 leans out of plumb. At this point the outside crown of the sewer rises about 3 feet above the marsh level, and after construction an embankment was filled over the sewer to protect it from frost. The marsh is so soft that it will not sustain this embankment, and it settled for some time rapidly. The filling was continued as the bank settled, until it seemed likely to stay for a time, but the settling has continued, and the covering over the sewer is not so deep as it should be. In the spring the embankment should be brought up to grade and filled occasionally, as may be necessary to maintain it there. In doing this it will be well to put some filling on the railroad side to balance the pressure upon the sewer. Notwithstanding this motion of the earth about the sewer, there appears to be no injury done beyond the slight leaning shown.

A similar leaning is noticeable in section No. 2 of the sewer previously built near the railroad station, though this must have been from a different cause as the earth here is of the most compact character.

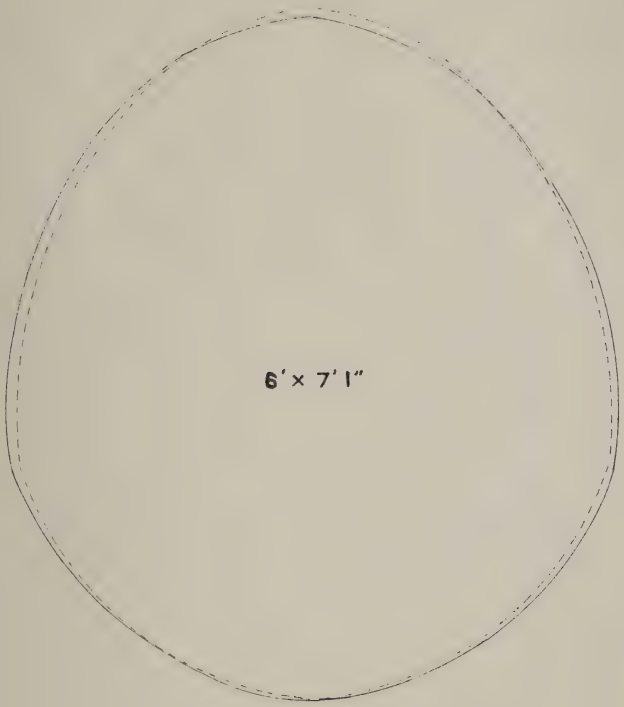
The interior surface of the main sewer is very smooth and true. The invert is laid in smooth brick—largely face brick—accurately placed to line. The inside of the arch or crown is smooth cement mortar giving a surface offering but slight resistance to the flow of water.

No. 7.



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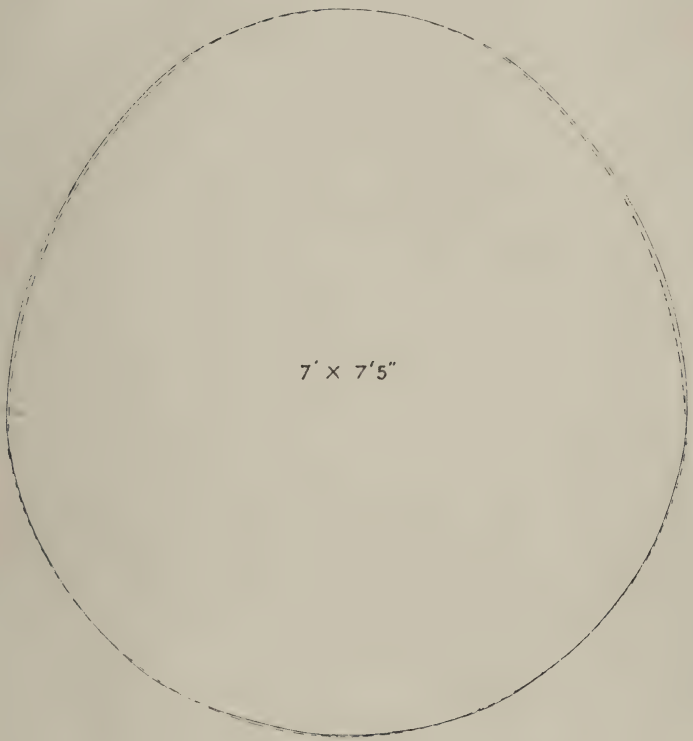
No. 8.



Scale: 2 feet to an inch.

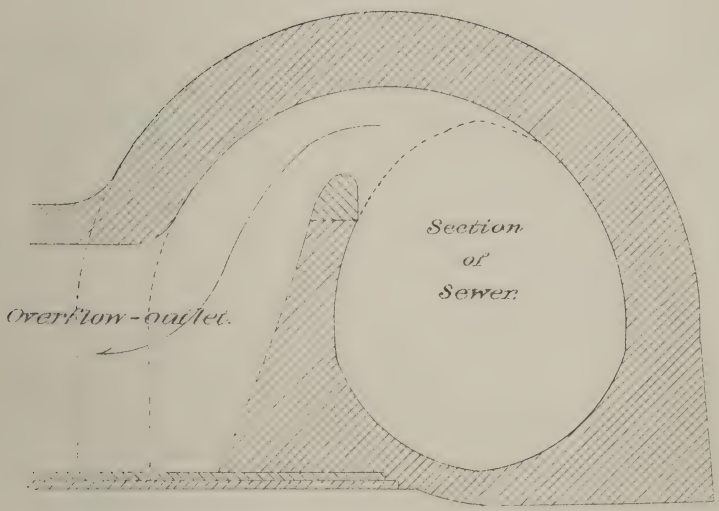
THE HELIOTYPE PRINTING CO. 220 DEVONSHIRE ST BOSTON

No. 9.



Scale: 2 feet to an inch.

The Heliotype Printing Co. 220 Devonshire St. Boston



Scale: 4 feet to an inch.

Every barrel of Rosendale cement was tested and all that did not stand sixty pounds strain per square inch was rejected. About 9,160 barrels were used, besides several hundred barrels of Portland cement.

The following diagram represents a cross-section through the overflow weir below Longwood avenue.

The estimated cost of the main sewer and land damages was	$141,758 25
The estimated cost of constructing the main sewer was	131,822 00
The amount expended and properly chargeable to the sewer was	129,592 05
Balance	$2,229 95

A few of the items of construction are as follows:

Pay Roll	$67,307 96
Brick — 1,374,132 at an average cost of about $8.84 per M	12,148 60
Rosendale cement — approx $13,005.78, coal, approx $596.59 — and coal	13,602 37
Portland cement and pipe	2,666 86
Stone for rubble	5,434 33
Dressed stone	454 99
Pile driving and capping	2,937 42
Lumber	7,157 39
Other items	17,882 13
Total as above	$129,592 05

In addition to the amount expended as above given were the following amounts:

For materials, etc., sold again,	$251 53
For materials and plant on hand, at a low estimate of its present value	2,277 93
Amount carried forward,	$2,529 46

Amount brought forward,	$2,529 46
For outside work, incidentally charged to the sewer appropriation	409 67
Total	$2,939 13
The land damages were estimated at	$9,936 25
Paid for land damages	7,830 25
Balance	$2,106 00

Three claims are unadjusted.

The total amount paid on account of sewer appropriations is as follows:

Construction, as above	$129,592 05
Plant, etc., as above	2,939 13
Land damages, as above	7,830 25
Total	$140,361 43

Much of the good character of the work, as well as economy of execution, is due to the faithful and skillful attention of Mr. Howard A. Carson, assistant engineer in charge of construction, and to his assistants, A. E. Martin and W. H. Olmsted.

Respectfully submitted.

J. HERBERT SHEDD,

Chief Engineer.

PROVIDENCE, Feb. 14, 1878.

REPORT

OF THE

COMMITTEE ON SEWER ASSESSMENTS

OF THE

TOWN OF BROOKLINE,

FOR THE YEAR

ENDING FEBRUARY 1, 1878.



BROOKLINE:
CHRONICLE PRESS.
1878.

REPORT.

At a special town meeting of the inhabitants of the Town of Brookline, holden on Tuesday, the twenty-third day of January, 1877, the Third Article in the warrant calling the meeting being under consideration, namely: — "To see if the town will accept and allow a public sewer from Washington street to Charles river, as laid out and located by the Selectmen, and to act upon the votes reported by the Selectmen," it was voted, "That a committee of five, to be nominated by the chair, be appointed to consider and report in print at the annual town meeting, or some future meeting, upon what basis assessments for the building of main and lateral sewers or for entering the same shall be laid."

The committee appointed in accordance with this vote herewith submit their report:

Hitherto the system of laying sewer assessments in Brookline, has been to lay them upon estates only when drains therefrom have actually entered the sewer. At present the basis of assessment upon such estates is $1.25 per linear foot of frontage on the line of the sewer. Up to January 1, 1877, the town had spent for sewers about

$100,000, and had collected for entering the same about $8,000.

There is certainly one objection to the present plan, namely:

All estates benefited by sewers are not assessed; abutting estates afforded the opportunity of drainage can properly be assessed whether the owners avail themselves of the privilege or not.

We think also that assessments can be distributed more equitably than upon the basis of frontage of abutting estates.

Our investigations as to the best method of making sewer assessments at last reached this result, that we should recommend either the plan adopted by the City of Boston, or the one adopted by the City of Providence.

The two plans are in substance as follows:

Boston Plan. — "A main sewer through a valley is built, and its cost divided by the whole area eventually to be drained by it, calculated from the water-shed. A rate is thus fixed which each 1,000 feet should pay towards the main. Then as fast as branches are built, to their cost is added the proportion of the cost of the main, one-fourth is then deducted to be borne by the city, and the balance apportioned on the abutting estates according to their area, generally not exceeding 100 feet in depth, but sometimes reaching 150."

Providence Plan. — "The proper authority for the city makes an estimate of all sizes of sewers to be built to complete the system of sewerage for the whole district to be drained, finds the average cost per foot which represents the average cost of drainage for the district, and, deducting one-third for the share to be borne by the city, establishes a uniform price for each running foot of sewer which is assessed upon abutting estates as their two-thirds share of the whole cost. The assessments are apportioned between abutting estates according to their area and frontage upon the streets in which sewers are laid, the area assessed not exceeding 150 feet in depth

from the street, and no assessment is made upon any estate until a sewer is built in the street bordering upon it."

The chief differences between the two plans are:

First. One assesses a certain portion of the actual cost of sewers, the other assesses a certain portion of an estimated cost.

Second. While each distributes the cost of the largest or main sewer by assessment upon the whole district, the Boston plan limits the distribution of the cost of the smaller mains to *their* drainage district, while the Providence plan distributes their cost over the whole district to be drained by the system of sewerage of which they are a part. The local or ordinary sized sewers are considered by the Boston plan a benefit only to the estates immediately abutting upon them; by the Providence plan they are considered an undivided part of the whole benefit procured by the whole system of sewerage.

For this reason under one plan the assessments upon estates of equal area vary in amount according to the expense of the local sewers in front of them; under the other the assessments in this respect are uniform.

Under the Boston plan if an estate happens to abut on a street in which an inexpensive sewer is laid it pays a small assessment; if the sewer prove expensive its assessment is correspondingly increased. By the Providence plan the cost of the smaller sewers is averaged with the cost of the larger sewers and a uniform price established, and each estate abutting on a sewer is assessed its proportionate share not of the cost of the sewer into which it immediately drains, but of the cost of the average size of sewers for the whole district. This is done upon the theory that it is substantially a uniform benefit to every citizen to have the opportunity of drainage for his property, that the benefit being uniform the assessment should be uniform, that the apportionment of cost should correspond with the distribution of benefit.

Third. The Boston plan apportions the cost according to the area of estates assessed; the Providence plan makes the apportionment depend upon both area and frontage.

After a comparison of the two plans we suggest the following objections to the Boston plan:

1. Local sewers differ so much from each other as to their cost that the assessments laid according thereto have too wide a difference. Estates receiving equal benefit do not pay the same assessment, but pay a greater or smaller sum as they happen to abut on an expensive or inexpensive local sewer.

2. Local sewers are usually built from time to time for a short distance only. This makes a great many works of special construction and therefore a great many assessments, which differ from each other according to the difference in cost of construction.

3. A proper execution of such a plan in Brookline would necessitate an expert to determine what length of local sewer should be built from time to time, in order to equalize the assessments as much as possible; to estimate the spreading benefits of each particular main; and to keep an accurate record of all expenditures, so that each estate assessed should properly be charged for each item of benefit from sewers constructed before the local sewer into which it should drain. Such an expert should be well qualified and his services would be constantly needed. For this reason his salary would add a considerable annual expense to the treasury of the town.

Providence Plan.

The first consideration as to the Providence plan is naturally, what dependence can be placed upon the correctness of the estimate.

Mr. Shedd's estimate is based upon his own experience of a great many years, and is made up from all available data of the experience of others. He has made a careful and accurate investigation, and his conclusion is therefore entitled to great weight. We find, too, that the result he has arrived at is supported by the experience of the City of Boston. In that city there are at present about 180 miles of sewers. The average cost per foot, excluding catch-basins (and manholes) of 93 miles built since Jan. 1, 1859, is $3.54. Catch-basins and manholes, we are told, would make a difference of about 70 cents per foot. Mr. Shedd's estimate of the average cost per foot of sewers, including catch-basins and manholes, to be built to complete the system in view for Brookline, is $4. If all engineers, or those best competent to judge of such matters, should substantially agree with the estimate of Mr. Shedd, we should feel satisfied that his calculation was a very fair index of the actual cost. It is not presumed that it can be exact, and the question is :—Is it exact enough for practical purposes, or is the inexactness such as will work injustice? Taxation for public works is not necessarily dependent upon the actual outlay. "The assessment must of course be made upon an estimate which may be more or less incorrect, as all estimates for public works are likely to be, but the liability to error ought not to defeat a special any more than a general levy for future purposes."* The moneys appropriated for extensive public works are usually borrowed upon the credit of the public in anticipation of the work to be performed. Take for instance the appropriation of six millions of dollars by the City of Boston, in contemplation of the fulfilment of the Moon Island scheme of sewerage. The interest on this loan must be paid by general or special tax for some years before it can be certain that the whole or a considerable part of the sum shall be expended for the purpose for which it was raised.

*Cooley on Taxation, p. 463.

But it seems to us that the question need be but very slightly, if at all, burdened with the fact that the plan levies taxes for future purposes. The assessments are not increased in view of future construction, but for that reason are made smaller, because the larger sewers are built first, and as the work progresses the number of smaller sewers increases, thus reducing the average cost per foot. If the system of sewerage should not be completed, those persons who had paid assessments would have no reason to complain, inasmuch as their assessments had been made smaller in view of the work undone; and the work done had been performed wholly for their benefit. But it may be said the system may be completed and the estimate prove incorrect. Suppose the estimate prove too small. The result will be merely that the share borne by general tax will be increased. Suppose the estimate prove too large. The result will be that the share borne by general tax will be diminished; and the estimate would have to be extremely inaccurate in order to make it possible for the total amount of assessments to exceed the total cost. The city assumes all risk of loss, advances a large sum of money—losing interest thereby—and though attempting by this plan of assessment to get back only a certain proportion of the cost, it does not exceed its authority if it collects something more than the proportion aimed at, provided it does not collect more than its actual outlay. The experience of other cities, however, leads us to believe that there is little possibility of a city or town getting back any larger proportion of the cost than it assumes to collect.

It seems to us that estimated cost ought not to be objected to if it is shown that the sum fixed upon is reasonable, just and proper, and does not exceed the cost to procure the benefit for which the assessments are made.

The tendency of the plan is an equitable one. It tends to an equalization of assessments to correspond with the uniformity of benefit.

Which is the more equitable, the Boston plan or the Providence plan.

The principle upon which assessments are made at all is that certain estates are specially benefited by the sewers, and for that reason a certain portion of the cost should be assessed upon them. In establishing a system of sewerage, the ultimate view is to furnish the opportunity of drainage to all lands in the district. The town undertakes the work and intends to perform it, not merely for a portion of the district, but for the whole; and the case is precisely as if all the owners of lands in the district agreed together to build the system for their own benefit, and their relations to each other are the same whether they make such an agreement, or the town, by a public vote, agrees to do the work for them. How then, if at the outset of such an enterprise the owners were to agree to bear the expense, would they regard the apportionment of cost between themselves. What distinctions would be made as to who should bear the cost of the expensive smaller sewers. Would those living on the line of a costly sewer consent to pay its cost, when in point of fact it might be the necessary connecting link with a line of inexpensive sewers, the abutters on the latter paying only its cost, though reaping the benefit of the greater cost which had been borne by their neighbors. The work being undertaken as a whole for the benefit of drainage of all the lands in the district, it would seem that the extent of the land of any estate, and not its location, should be the measure of its share of the burden of assessment.

A Uniform Rate Desirable.

In determining a basis of taxation for sewer assessments, we think it is desirable to fix a uniform rate not only for the present, but for the future. The plan should be an equitable one, sharing the burden of assessment as equally as possible upon estates benefited in proportion to the benefits received.

In establishing a system of sewerage, there should be an estimate of the cost of the whole work necessary to complete the system. From this estimate it should be ascertained what is the proportionate share of the whole expense to be laid on each estate benefited.

In order to recommend such a plan we have found it necessary to consider:

1. Whether an estimated cost of sewers, to be constructed in the future, can properly be made an element in the plan of assessment.
2. What proportion of the whole cost should be borne by the town—that is, by general tax—and what proportion by the estates benefited.
3. By what mode the assessments upon individual estates should be apportioned.
4. When the assessments should be laid.
5. When the assessments should be paid.

First. Whether an estimated cost of sewers, to be constructed in the future, can properly be made an element in the plan of assessment.

In estimating the cost of sewers, in order to fix a uniform rate of assessment, the entire length of sewers in a given drainage district should be taken into account, and an average rate of cost established for each foot in length over the whole area. The cost per foot can be ascertained by dividing the whole estimated cost of construction by the whole number of feet to be constructed. There is no doubt that such an estimate cannot be exact, depending as it does upon so many contingencies. But we do not think it necessary to be exact in such an estimate. "The assessment must of course be made upon an estimate which may be more or less incorrect, as all estimates for public works are likely to be, but the liability to error ought not to defeat a special any more than a general levy for future purposes."* We

*Cooley on Taxation, p. 463.

depend entirely upon the engineer for the degree of accuracy which can be attained by this method of calculation; and, upon his authority, we report that a result so attained will approach very nearly the actual cost. The actual figures and estimates will be given hereafter in this report. Before solving this arithmetical problem, however, it should first be determined whether, under the existing laws in this State, an *estimated* cost can be considered an element in making a sewer assessment.

The legislation on the subject is as follows:

"The Mayor and Aldermen of any city and the Selectmen of any town may lay, make and maintain all such main drains or common sewers as they shall adjudge to be necessary for the public convenience or the public health, through the lands of any persons or corporations, and may repair the same, from time to time, whenever repair thereof shall be necessary; and all main drains and common sewers so laid shall be the property of the city or town laying the same."—Stat. 1869, chap. 111, sect. 1. "Every person who enters his particular drain into such main drain or common sewer, or who by more remote means receives benefit thereby for draining his cellar or land, shall pay to the city or town a proportional part of the charge of making and repairing the same, to be ascertained, assessed and certified by the Mayor and Aldermen or Selectmen." "Nothing herein contained shall prevent a city or town from providing by ordinance, or otherwise, that a part of the expense of constructing, maintaining and repairing main drains or common sewers shall be paid by such city or town."—Gen. Stat. chap. 48, sects. 4 and 7. "The Selectmen of the Town of Brookline may lay, make and maintain, in the said town, all such main drains or common sewers through the lands of any persons or corporations as they shall adjudge to be necessary for the public convenience or public health, and may repair all such main drains or common sewers, from time to time, whenever repairs thereof may be necessary. The said town, and the inhabitants thereof, shall have the same rights and be subject to the same liabilities as if the same had been laid, made or maintained under

the provisions of the 48th chapter of the General Statutes, except as hereinafter provided."—Stat. 1867, chap. 71, sect. 1.

[Besides the laws now in force, another act has been passed by the House of Representatives, and is now (Feb. 28, 1878,) pending before the Senate of the Legislature. It is as follows:

"The Mayor and Aldermen of any city or the inhabitants of any town in which main drains or common sewers are hereafter laid and constructed under the provisions of chapter 111 of the Acts of the year 1869, may by vote determine that instead of paying an assessment, under section 4 of chapter 48 of the General Statutes, every person who enters his particular drain into such main drains or common sewers, or uses the same in any way, shall pay for the permanent privilege to his estate such reasonable sum as the Mayor and Aldermen of said city, or the Selectmen of said town, shall determine."

We remark in regard to this, that it is permissive merely. It allows, but does not compel, any city or town to charge a fixed sum for *entering* a drain into a common sewer. This sum is left to the discretion of the city or town authorities, but is not made to depend upon the cost of the sewers. If a town chooses to act under such a law, only estates from which drains are entered into the sewer can be made to pay anything towards the cost of construction; and abutting estates afforded the opportunity of drainage, but whose owners do not see fit to avail themselves of the privilege, cannot be made to pay anything towards such cost.]

It is a question, in construing the existing statutes, whether the words, "the charge of making and repairing the same to be ascertained, assessed and certified by the Mayor and Aldermen or Selectmen," refer only to the actual cost of construction to be ascertained after sewers have been completed. We cannot find that the courts of the State have decided this question, or that it has ever been raised. In a case decided as late as 1873, Chief Justice Gray says:

"This case does not involve the determination of the proper mode of assessing future expenses of laying new drains and sewers, or of repairing those already laid." This is the only reference to future expenses that we can find in any of the reported cases, either before or since that time, and it seems to us that although it may be a question open to argument, whether the proposed scheme is authorized by existing laws, the safer and wiser plan in furtherance of the adoption of the system of uniform assessments, is to ask for a special act from the Legislature which shall expressly delegate the proper authority to the Selectmen of the town.

In recommending such action on the part of the town, we are not able to point to any precedent in this State as authority for our opinion that the act would be granted by the Legislature, and afterwards upheld by the courts, but we herewith report some of the reasons that have led us to our conclusion.

Not finding a direct case in example of our plan, we have endeavored, by examining the legislation in regard to various cities, to learn what have been the methods adopted elsewhere, and what appeals have been made to the Legislature for an extension of the powers granted by general laws to lay sewer assessments. We have confined ourselves in this examination to the cities of Boston, Lowell, Springfield and Worcester, as the statutes established in their behalf seem to be the only ones under which cases have arisen in the courts. It appears to have been an invariable rule with all of these cities to make the assessments after the sewers had been completed, and without regard to the cost of sewers that should afterwards be made. There should be some reason for such uniformity of action as this, and we believe it can be found in the special circumstances of each case.

Boston.—In the City of Boston, previous to the year 1841, sewer assessments were laid by virtue of city ordinances

"passed under the general power to make reasonable by-laws." But in this year a general law was passed authorizing cities and towns to lay drains and common sewers, and since that time no less than fourteen special statutes in regard to sewers have been passed in behalf of said city. In no one of these can we find any provision for assessing future expenses upon the basis of an estimated cost. Even in the general revision of the charter by Stat. 1854, chap. 448, when it must be presumed all the wants of the city for special legislation must have been carefully considered, the subject of sewers was not mentioned, so that it may be supposed the statute of 1841, there being no intervening legislation as to estimated cost, was found adequate to the city's plans. When it is remembered that the sewerage of Boston was "begun and continued without any general sewerage survey, plans and estimates," it can be understood how the cost of what may be fairly called piecemeal construction has been assessed without any regard to future expenses, especially when we consider how uncertain all plans for the future must always have been. We find, however, that finally the city endeavored to obtain from the Legislature an act "to allow it to fix a general rate per square foot for the measure of benefit to any lands abutting on a sewer," but it failed. It is sufficient now to say, without discussing the reason of the city's failure in this respect, that the very fact of this attempt shows that the vast experience of the city had at last taught it how necessary it was that some such provision should be made.

Worcester.—The experience of the City of Worcester gives a very good illustration of the difficulties of assessing only the actual cost to be ascertained after the completion of sewers. Under authority of Special Law 1867, chap. 106, said city established "a new and comprehensive system of sewerage." "At the time of the assessment sewers of about

24 miles in length had been constructed, at a cost exceeding $1,000,000. The whole amount assessed was $450,000, and the whole number of assessments was 2,235. At the time of the assessment several sewers laid out, under some of the orders of the city council, were constructed for portions of their length only, and in such cases only the estates on the line of those parts of the sewers that were completed were included in the assessment, and estates on the line of those parts of the sewers not completed were not included; and since the assessment the city has laid out new sewers branching off from the sewers assessed at various points." The actual expense incurred by the city, at the time of this assessment, was at best but a portion of what would be the cost of the whole sewer system. Estates abutting on the line of sewers, built later, when it became proper to assess them, could be made to bear their proportion of the cost of all that had gone before only by an elaborate calculation of their share of the cost of construction up to the time their assessment was laid. In the cases which have arisen under the act authorizing this expenditure, there is nothing to show how such estates were to be assessed, and the opinion of the learned justice herein before quoted, that the case did not involve the question of future expenses, seems to leave the validity of such assessments still undecided.

Springfield.—After the general law of 1841, there was no special statute for Springfield until the statute of 1852, chapter 94, by which the city was established, and in which it was provided that "the city council may require all persons to pay a reasonable sum for the privilege of opening any drain into a public drain or common sewer." By statute 1863, chapter 107, authorizing the city to construct certain drains, it was provided that the benefit and expense thereof should be ascertained, determined and assessed after the drains had been completed. The only further provision for

sewers was made in the act of 1873, chapter 126, amending the city charter, but no reference was made to the mode of assessment. The drains provided for by the statute of 1863 were peculiar in this respect, that they were made "for the purpose of protecting private property and the streets of the city from damage by water during seasons of freshet." The statute of 1852, providing for the payment of a reasonable sum for entering sewers, not being repealed or altered, seems to show the plan of the city, and indeed we are informed that their practice has been to charge for connecting with sewers "an entrance fee varying from $50 to $100," of which it was said, "This amounts to only a very small part of the cost." We think this principle of fixing an arbitrary sum for entering a sewer, the total of which sums amounts to only a very small part of the cost, should be distinguished from fixing a sum estimated from the cost of construction per foot at an approximately correct valuation of such cost. In each case the sum to be paid by each estate is one made in the discretion of the city. But, in the first instance, the sum is purely arbitrary, and is equitable and just merely because it is not excessive, and because it recognizes the fact that "estates drained are similarly benefited."

In the second instance the plan, while it may be made to rest on both of these reasons at the same time, rests also upon the fact that it considers the important element of cost of construction.

Lowell.—We find no special legislation on this subject for the City of Lowell, nor any information in the only case in which said city was a party. The mode of assessment, we are informed, is to assess area not exceeding 100 feet in depth, according to the assessors' (tax) valuation per square foot.

We have selected these four cities because they are the

only ones in this State whose sewer assessments have been contested in the courts, and for that reason gave special promise that some legal authority for our recommendation might be found. We observe in regard to them, that as far as we can find, there has been no special legislation authorizing the establishment of a new and comprehensive system of sewerage, similar to that in view for the town of Brookline, except in the case of the City of Worcester, and that, in our opinion—which we think is confirmed by the court in said case of Butler *vs.* Worcester—the experience of that city shows that the subject of future expenses of laying new sewers is one that should be a part of the original plan of assessments.

It may be said here that the City of Cambridge in the year 1871, having considerable difficulty about sewer assessments, framed certain questions as to the law thereof, and requested the opinions in writing of Judges E. R. Hoar and B. R. Curtis, which opinions being given were afterwards printed; but the question of future expenses was not raised, though the cost of rebuilding assessed after the work was performed, was held to be a proper subject of assessment.

This system of assessing upon an estimated cost has been adopted in the City of Providence, and though it has not yet been ratified by the courts, it was recommended by a committee who had made a most patient and laborious investigation, and was confirmed by another committee who had acquainted themselves with the details of the modes of laying sewer assessments in some sixty-nine cities, representing almost all the States in the Union.

The plan is adopted in the City of Boston, and we think very generally elsewhere, to this extent, viz.: Estates abutting on main sewers are assessed not only their share of the cost of the main, but also what would be their share of the cost of an average sized sewer if laid in the street in front of the estate assessed. If some such plan were not adopted,

estates abutting on mains would pay a smaller assessment than other estates which pay both their share of the main and of their local sewer.

We think this plan is sound in principle. "Although the assessment for a local improvement must be limited to the cost, yet there is no reason in the nature of things why it should not be made before the work is actually done, and before the cost shall be finally and conclusively determined." "In assessing benefits, the cost of the whole work distributed throughout the whole district is to be kept in view."*

Let us suppose it to be possible to construct forty miles of sewers in a day, at an average cost of $4 per foot. The number of feet constructed will be 40 times 5280; that is 211,200 feet. The cost of construction will be 211,200 times $4, which is $844,800. This expense can by law be assessed proportionally upon the estates benefited, and the work being done in a day, the assessment could be laid on the next day. Suppose now that it will take ten years, instead of one day, to construct the forty miles, the assessment will then be laid at intervals as the work progresses, and if computed from the cost of construction as it progresses, it will involve continual calculation and continual apportionment. If, however, the assessment is computed from said estimated cost, it can be laid upon the estates benefited as the work progresses; and the final result in the total amount of assessments will be the same as if the whole work had been performed in a day, and the assessment laid the next day, the only difference being in the time of laying the assessment.

Second. What proportion of the whole cost should be borne by the town—that is, by general tax—and what proportion by the estates benefited.

In deciding this question it is well to observe, in the first place, that there is no limit by statute as to what part of the expense shall be paid by the town. This leaves us to consider:

* Cooley on Taxation, pp. 462, 463.

1. Shall the town pay the whole expense, or shall the estates benefited pay the whole expense.

2. If it shall be decided that neither the town nor the estates benefited shall separately pay the whole expense, what part thereof shall each pay.

First. Shall the town pay the whole expense, or shall the estates benefited pay the whole expense.

We have had no difficulty in agreeing to recommend that neither the town nor the estates benefited shall separately pay the whole expense. Public sewers are made not only for the general public good, but also "upon the assumption, that a portion of the community is to be specially and peculiarly benefited" in the increase in value of lands to be drained by the sewers. "The justice of demanding a special contribution" to the cost of construction "is supposed to be evident in the fact, that the persons who are to make it, while they are made to bear the cost of a public work, are at the same time to suffer no pecuniary loss thereby, their property being increased in value by the expenditure to an amount at least equal to the sum they are required to pay."* "Take the case of money expended in effecting an improvement of a local character, which although it may inure, to a certain extent, to the benefit of the public, is nevertheless especially necessary for, and beneficial to, private property in the immediate vicinity. It certainly would not be equitable or just, or tend to an equalization of public burdens, that the cost of such a work should be laid on the whole people, or upon those living remote from the locality, having no property connected with the improvement, and who could derive but little or no benefit from its construction."†

"As there are thus two interests, somewhat distinct to be subserved by a system of public sewers, it is proper that the

* Cooley on Taxation pp. 416, 417.

† Dorgan *vs.* City of Boston, 12 Allen, 223, 236.

public bear a part of their cost, and the owners of abutting estates whose property is more immediately benefited should bear the rest."*

Second. If it shall be decided that neither the town nor the estates benefited shall separately pay the whole expense, what part thereof shall each pay.

In determining what part the town should pay, our first question has been, whether the cost of the present intercepting sewer should be calculated in the estimate of all the cost of construction to be assessed; or whether, being more in the nature of a public work than ordinary sewers, it should be paid for entirely by general tax. It may be said, on one side, that, being, to a great extent, merely a substitute for the water-course of Muddy brook, which has afforded natural drainage heretofore for the town, it should be paid for out of the general tax, inasmuch as estates heretofore benefited by the possibility of drainage into said brook, though acquiring a similar benefit by the construction of this work, should not be put to expense for the enjoyment of a benefit which always had been, and always could be, afforded to them without expense.

Our answer to this is, that the intercepting sewer is not only a part, but the foundation of the whole contemplated sewer system. It is to be the ultimate conduit of the complicated net work of mains and laterals; it is not only to do the work of Muddy river, but it is to comprehend a scheme of which said river could perform only a small part; it is to do all of this in a better manner; it is not only to be a great sanitary measure for the general public good, but it is to be of special benefit to all the estates eventually to be drained by it, by providing a complete, sure, ready, secret transit to open tide-water, thereby substituting, for the benefit which those enjoy who have had the opportunity to drain into Muddy river, a greater benefit, the value of which can

* Report of Mr. Shedd.

and should be estimated in dollars and cents, and assessed upon the estates benefited.

We, therefore, recommend that the cost of the intercepting sewer be included in the estimate of all the cost of construction to be assessed.

If our recommendation in this respect shall be followed it remains to be decided what part of the whole cost shall be borne by the town, and what part by the estates benefited.

The comparative advantages of a sewer to the public and to individuals have been very well stated as follows:

"The advantage to the public of a system of sewers is: first, the promotion of the general health by the prompt removal and disposal of sewage and offensive matter; and, second, by freeing the streets from surface water in all but exceptional storms. The individual advantage is in the exemption thereby obtained from the construction and maintenance of cesspools and vaults, and the facility for the easy and convenient removal from the premises of sewage and night-soil, without offence to health or sense."

Now it is evidently impossible to fix precisely in what proportion these advantages stand to each other; nor is there any arbitrary rule made in regard to this by the general laws, the only provision therein for the division of cost being for the City of Boston which is compelled to pay one-quarter part thereof. In other cities, so far as we can find, the practice is by no means uniform, though the most common rule is for the town to assume either one-quarter or one-third.

It is difficult to determine as to this division of cost between the town and individuals, but we have decided to recommend that the town assume one-third part.

In coming to this conclusion we have been largely influenced not only by a common practice in other places, but also by the following statement by Mr. Shedd:

"Three distinct and important objects are to be accomplished by public sewers:

"*First.* The carriage of storm-waters.

"*Second.* The removal of liquid refuse.

"*Third.* The drainage of the subsoil about dwellings.

"Of these objects the first may be considered as a public interest and the others as private interests, although in their proper accomplishment there is a certain value to the public on account of the favorable effect upon the general health.

"The sewers must be much larger than would otherwise be necessary in order to accomplish the first object, and deeper to accomplish the others.

"As in construction a greater expense is generally required in making the sewers large for the public benefit than in making them deep for the private, it might be urged that the proportion of cost borne by the public should be greater than that assessed upon the abutters. But the demand for the removal of storm-waters, for the public benefit, is not ordinarily so great or so immediate as that for the removal of refuse from the vicinity of dwellings, and therefore the construction of sewers might be more safely delayed on the public account than on the private. As a postponement of expenditure would be equivalent to a saving in cost, the public should pay a less proportion for sewers constructed before they are required for the public use. The public also has the first cost of the whole work to pay, and assumes all the risk of construction, and must wait for collections of assessments, losing interest meantime. The services of town officers in attending to the work is not usually charged as a part of the cost. The whole responsibility of maintaining and caring for the sewers, making repairs, and sometimes rebuilding, rest also with the public.

"Taking these things into account, and giving due weight to all the conditions of the case, I think a proper division of the first cost will be made by assessing two-thirds of the cost upon owners of estates abutting upon the sewers, and one-third upon the public at large."

Third. By what mode the assessments upon individual estates shall be apportioned.

Every assessment, to be valid, must be laid upon lands

benefited by the sewer; and in apportioning the assessments the duty of the assessors is not "to ascertain the exact degree of benefit conferred upon each particular estate," but to adopt some standard by which the assessments may be equitably and ratably assessed upon the estates benefited, the benefits received being proportionate to the standard adopted.

From this we have resolved two questions:

1. What estates and what benefit are meant by estates benefited?

2. What standard shall we recommend as the basis of assessment?

First. "Estates benefited" we understand to mean lands, exclusive of buildings thereon, abutting on streets through which sewers have been laid; and we understand that such lands are benefited not only by the construction of the sewer in the street on which they happen to abut, but are also benefited by the previous or subsequent construction of all connecting sewers, by which they are enabled to drain into the final outlet.

The benefit to estates benefited we understand to be the same in kind to all; namely, the opportunity afforded to drain into the sewer, and thereby the increase in value of the lands drained.

Recurring now to our former illustration of supposing it to be possible to construct forty miles of sewer in a day, and the comparison as to the mode of laying the total amount of all assessments on the next day, with the plan of constructing the forty miles in ten years, instead of one day, and laying the assessment as the work progressed, upon the basis of an average cost per foot estimated for the whole work of construction, it can readily be seen how the plan of assessing, according to an estimated cost of construction for the whole sewer district, accords with our definition of

estates benefited. For, assuming that an estate is benefited by a sewer only when such sewer is laid in the street bordering upon it, and that no assessment is laid until that time, and that such assessment for each estate is its proportional share of the same estimated cost of construction, the amount of no assessment upon an estate depending upon the size of the sewer into which it immediately drains,—assuming, we say, all this, then it follows that all estates benefited by sewers are assessed equitably and ratably alike as to the time the benefit accrues, as to the time of assessment, and as to cost of construction.

Second. What standard should be the basis of assessment?

This leaves only one other element upon which the amount of assessment upon each estate should depend, and that, we think, must be either the value, the area, or the length of frontage of each estate upon the line of the sewer. The assessment upon each estate is its proportionate share of the whole cost of construction, and the question is whether it shall be made to bear the same proportion to the whole cost of construction as the value of the estate bears to the total value of all the estates benefited, or the area of the estate bears to the total area of all the estates benefited, or the frontage of the estate bears to the total amount of frontage of all the estates benefited; or whether the benefit, being in a measure proportionate to all of these three things, the amount of each assessment should depend upon the value, the area and the frontage of each estate to be assessed.

In Massachusetts, the rule seems to have been to assess according to the value of the lands benefited, independent of the buildings thereon, and this rule has repeatedly received the sanction of the courts, and indeed has been declared to be the most reasonable and usual one. Singular as it may seem, however, we find no instance of a sewer assessment, laid according to frontage or area, being

contested on that ground in the courts of this State, though each plan of assessment has been in use in different cities and towns. The reason of this may be, that this method of laying sewer assessments is a comparatively new one in this State, and has been but recently adopted; for we find no allusion even to it except in one case decided in 1875,* in which there is only a bare reference to the *extent* of the land assessed, that apparently being considered, as a matter of course, one element to which the amount of benefit received is proportionate, and upon which the amount of assessment could properly be made to depend.

In other States there seems to be some conflict of authority as to the validity of sewer assessments laid in proportion only to front feet of abutting estates, though street assessments for paving, expenses of laying sidewalks, etc., are now generally laid upon this plan. It seems to be the opinion of the court in Connecticut that the benefit to an estate is not in proportion merely to the front feet abutting on the sewer, but also to the area and value of the estate. "In Pennsylvania, assessments which charged upon lots a portion of the cost of sewers not to exceed a certain maximum per foot front, have been sustained." In Michigan,† it has been decided very recently that a sewer tax, laid according to superficial area of land benefited is not valid. But this decision was upon an assessment laid under an act of the Legislature, providing that the Common Council should first determine what lands were benefited, and that the assessment should then be made "upon the lots, lands and premises within the district in proportion to the number of superficial feet therein." This was held to be too general a provision, inasmuch as under it lands remote from the sewer and not directly and peculiarly benefited could be taxed *equally* with those estates afforded the opportunity to drain directly into the sewer, the act not confining the assessment to lands upon the streets in which the sewer was laid. It was further

* French *vs.* City of Lowell. 117 Mass. Reports 363, 365.
† Thomas *vs.* Gain, 35 Michigan Reports, 155, and cases cited

expressly stated in the opinion that this case was "not intended to decide or to intimate that a sewer tax may not, under some circumstances, be lawful, though apportioned by the area of the lots assessed."

We have concluded that "the cost of sewers being in proportion to their length, and also to the frontage of abutting estates, the length of frontage should be an element in the plan of assessment; but the benefit of a sewer, while in a measure dependent upon the frontage, is much more dependent upon area; and this should also be taken into account in the plan of assessment."

The element of taxation according to value of property enters largely into a plan by which the town assumes one-third of the whole cost, while at the same time it advances the whole cost of construction, thereby losing interest on a large sum of money for a number of years. All of this portion of the expense—namely, the one-third assumed by the town and the said interest upon the whole amount advanced—is met by general tax which is apportioned among property owners according to the *value* of their property.

We have decided to recommend, as to the remaining portion of the expense, that the *value* of the land assessed should be entirely disregarded in the plan of assessment. We are unable to see how estates of different value but of equal frontage and area, can be said to be benefited in proportion to their value. It seems to us to approach much nearer a just apportionment to say that they are benefited in proportion to their area and frontage. A sewer tax is not a levy "for general purposes," it is an assessment laid upon the land on account of benefit to the land. We have said before that the benefit is the opportunity to drain the land, and the increase thereby in the value of the land. The extent of such increase in value depends, we think, not as a rule upon the value of the land at the time of the assessment, but merely upon the fact that it can drain into the sewer. Can

it be said that this increase in value of different estates will be in proportion to their difference in value? It costs as much, upon a general plan, to drain one acre of land as it does to drain another, and it is this cost that is assessed. The construction of a sewer saves the cost of cesspools. Is this saving of cost to each estate in proportion to its value? In some instances the sewer must be made of extra depth and cost in order to drain low lands, which are usually of comparatively little value. Are such lands benefited in proportion to their value, which we have said is comparatively small? It is evident that they belong to the class of cases most benefited by the sewer, and the benefits they receive are in a far greater degree proportional to their area and frontage than to their value. It is true, to be sure, that the plan of assessing estates according to their value has been repeatedly upheld in the courts of this State, and the plan of assessing lands according to their yearly value has been sanctioned in England; but the question is not whether such plans are equitable, but whether they are *as* equitable as the plan of assessing according to area and frontage combined. The courts have not, so far as we can find, declared the area and frontage assessment an inequitable one. They have merely confined their decisions to a discussion of the cases brought before them, and have approved the assessment by value without disapproving the mode we have suggested. The general practice in cities and towns has been to estimate the benefits of sewers according to the value of the lands benefited, and hence only cases involving the equity of that principle have come before the courts, but we believe that the practice of estimating benefits according to the area of lands benefited is fast becoming popular; it was adopted last year in the City of Boston. Mr. W. H. Bradley, the superintendent of the sewer department, tells us, that under the old system, "the value of lands being a matter of judgment gave rise to many complaints of too high

assessments." We believe that this "matter of judgment as to the value of lands" has been the chief cause of dissatisfaction with sewer assessments, and we are strongly of the opinion that such assessments should, if possible, be made to depend upon something like area and frontage "which can be accurately determined." But it was decided, in the Michigan case, that a sewer tax, laid according to area, is not valid, if that area is not distinctly defined and limited, so that it may fairly be said each assessment, laid according thereto, is upon an estimate of actual benefits. We have decided therefore to recommend :

That, in so far as area shall be considered an element in the plan of assessment, it shall be the area of estates abutting on the street in which the sewer is laid and extending back therefrom to an extent not exceeding 100 feet. This is on the assumption that this is as accurate and fair a calculation of the average depth of lots in the Town of Brookline as a general estimate can be.

Fourth. When the assessments should be laid.

As the assessment is by statute a lien upon the land, and as the lien attaches to the land at the time of assessment, it is important to fix the time when the assessment upon each estate should be laid. It certainly seems equitable to lay the assessment at the time the benefit accrues; that is, when it is made possible to drain the land by the sewer.

Now, if a uniform rate of assessment is fixed, the amount to be laid upon each estate depending merely upon its frontage and area, it is evident that it is simply a matter of computation to determine the amount of each assessment, and if the time for making this computation is fixed at a period alike for all—namely, when the benefit accrues—the justice of the plan is apparent. By this method,

No time of the Assessors is wasted.

There is no need, as was the case with the City of Worcester, of waiting until the expenditure for sewers reaches

millions of dollars before an apportionment of assessments is made, in order that as much as possible of the actual cost of sewers may be assessed.

There is no need to consider the past as distinguished from future expenses, the rate being uniform, the cost estimated, and the time of assessment fixed.

Our opinion is, therefore, that the assessment upon any estate should be laid when a sewer is built in a street bordering upon it, and when it is made possible to enter and drain into the sewer by a drain from the estate.

Fifth. When the assessments should be paid.

By the existing laws a sewer assessment is made a lien for one year upon the estate assessed. This necessitates the payment of the assessment in one year or the loss of the lien. We think the lien should be made by statute to exist for three years, and that period of time should be allowed for the payment of assessments, in three equal annual instalments, with interest. There are abundant precedents for such a plan.

What uniform rate should be established.

It remains now to determine what rate per foot of frontage and per foot of area shall be established.

Mr. Shedd's estimate is that a rate of 75 cents per front foot and 1⅛ cents per square foot of area, not exceeding 150 feet in depth from the street, will be necessary in order for the town to get back two-thirds of the whole expenditure. As the larger, that is the most expensive, sewers are built first, this rate at first would be too small, and would approach two-thirds of cost in proportion as the whole work neared completion. The experience of the City of Providence illustrates this. There the rate established was 60 cents per front foot and 1 cent per square foot of area, not exceeding the depth of 150 feet. The city assumed two-fifths of the whole cost, and the remaining three-fifths was to be assessed upon abutting estates. After the expenditure

had reached $1,316,248.61, the assessments amounted to $507,301.98, or about 38½ per cent. of cost—of the 60 per cent. aimed at. Up to this point the cost of construction per foot had been $6.60, but as the work progresses the proportion of smaller sewers increases, thus reducing the average cost per foot of the whole work, and making the total amount of assessments constitute a larger portion of the whole cost. It is evidently impossible in such an estimate to determine precisely what rate of assessment would bring back to the town just two-thirds of all its expenditure. Making the best allowance we can for all contingencies, we think that a rate of 75 cents per front foot and 1 cent per square foot of area, not exceeding 100 feet in depth from the street, will make the sum assessed upon each individual reasonable, just and proper, and on the completion of the system of sewerage the total amount of assessments will bring back to the town nearly two-thirds of its whole expenditure.

We recommend then in substance as follows:

1. The assessment upon any estate should be its proportionate share of the estimated cost of the whole work necessary to complete the sewer system.

2. The town should assume one-third of the whole cost, and the remaining two-thirds should be assessed upon the estates benefited.

3. The amount of assessment upon any estate should depend upon its frontage and area, the latter being limited to a depth of 100 feet, from the street in which a sewer is laid.

4. An assessment should be laid upon an estate only when a sewer is built in a street bordering upon it, and a drain can be entered from the estate into the sewer.

5. Assessments should be paid at the election of the owner of the estate assessed, either when assessed or in three equal annual instalments with interest within three

years from the time of assessment; provided the owner, if intending to pay in instalments, shall notify the Selectmen, in writing, of such intention within three months from the time of assessment.

6. The Town should establish as a uniform rate of assessment seventy-five cents per front foot, and one cent per square foot of area of all estates to be assessed; but should limit the area to be assessed to a depth of 100 feet from the street.

In order to make it possible for the town to adopt these recommendations we have petitioned the Legislature for the passage of the following act:

Sect. 1. The Town of Brookline after making an estimate of all sizes of sewers intended to be built to complete its system of sewerage, and finding their average cost per foot to represent the average cost of drainage, may then, after deducting the share to be borne by the town, establish a uniform rate of assessment to be laid upon abutting estates as their share of the whole cost. The assessments may be apportioned between abutting estates according to their area and frontage upon the streets in which sewers are laid, by fixing a uniform rate of assessment for each foot of frontage and each square foot of area to be assessed.

Sect. 2. All assessments made under this act shall constitute a lien upon the real estate so assessed for three years after they are laid; and if the owner of the estate shall give notice to the Board authorized to make the assessment within three months from the time the assessment is laid that he desires to have the amount of such assessment apportioned, said Board shall apportion the same into three equal parts and certify such apportionment to the assessors of the town, and said assessors shall add one of said equal parts, with interest thereon from the date of the apportionment, to the annual tax of said estate for the three years next ensuing. If such notice is not given by the owner of any estate

assessed within three months from the time of assessment, or, if after an apportionment has been made as herein provided and the owner of the estate assessed neglects to pay any instalment of the assessment within three months from the time it is due and payable, then the whole assessment due may be enforced as provided in the forty-eighth chapter of the General Statutes. And all assessments laid upon real estate, for any of the causes mentioned in this act, which shall remain unpaid after the same have become due or payable, shall draw interest from the time when the same become due or payable, until the time of payment thereof.

SECT. 3. A person aggrieved by such assessment may have the same rights of appeal and hearing as provided in the sixth section of the forty-eighth chapter of the General Statutes.

SECT. 4. This act shall take effect upon its acceptance by a majority of the voters assembled at a town meeting of the Town of Brookline.

WILLIAM ASPINWALL,
FRANCIS W. LAWRENCE,
CHARLES U. COTTING,
HENRY M. WHITNEY,
JAMES P. FARLEY, JR.,
} *Committee on Sewer Assessments.*

MARCH 13, 1878.

ERRATUM.

Page 7.—Instead of six millions of dollars Boston appropriated for the Moon Island scheme of sewerage, read three million seven hundred and twelve thousand.

MINORITY REPORT.

The undersigned members of the Committee on sewer assessments, while agreeing with much of the reasoning of the foregoing report, believe the relations of the building lands in Brookline with similar lands in Boston to be so close, that it is important that the system of sewer assessments should be the same in both municipalities. And while they do not consider the Boston system free from objectionable features, they do not consider these so serious as to make it inexpedient for the town to adopt it. Every system of assessment must be more or less arbitrary, and probably no system could be devised to which there would not be objections both theoretical and practical.

They therefore recommend the Town of Brookline to adopt the plan for assessments for sewers which is now in force in the City of Boston.

WILLIAM ASPINWALL,
H. M. WHITNEY.

NOTE.

The names of all the Committee were appended to the Report through mistake, it having been the intention of the Committee to revise the Report before it should be printed in its final shape for presentation to the town.

TREASURER'S REPORT

OF THE

RECEIPTS AND EXPENDITURES

OF THE

TOWN OF BROOKLINE;

ALSO

REPORT OF THE SELECTMEN.

AND REPORTS OF

TRUSTEES WALNUT HILLS CEMETERY, OVERSEERS OF POOR,
COMMISSIONERS OF THE SINKING FUND, WATER BOARD,
TRUSTEES OF THE PUBLIC LIBRARY, BOARD
OF SCHOOL COMMITTEE, AND
AUDITORS' REPORT;

WITH A

LIST OF TAXES, AND THE NAMES OF THE TAX-PAYERS,

FOR THE YEAR ENDING FEB. 1, 1880.



BOSTON:
FRANKLIN PRESS: RAND, AVERY, & CO.
1880.

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TREASURER'S REPORT

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RECEIPTS AND EXPENDITURES

OF THE

TOWN OF BROOKLINE;

ALSO

REPORT OF THE SELECTMEN,

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1880.

TREASURER'S REPORT.

RECEIPTS.

From balance in treasury at auditing accounts .	$25,898 09
Richardson, Hill, & Co., borrowed in anticipation of taxes	75,000 00
Commonwealth of Massachusetts, borrowed in anticipation of taxes	75,000 00
Commonwealth of Massachusetts, borrowed on account of building new schoolhouse on Sewall Street	5,000 00
Commonwealth of Massachusetts, borrowed on account of making Brook Street, short streets, and sewer	20,000 00
Richardson, Hill, & Co., sale of Brookline water scrip	42,000 00
Richardson, Hill, & Co., premium on same .	2,730 00
Commonwealth of Massachusetts, on account of corporation taxes	28,222 92
Commonwealth of Massachusetts, on account of National Bank tax	10,529 45
Commonwealth of Massachusetts, on account of State aid	590 00
Commonwealth of Massachusetts, on account of indigent soldiers, &c.	312 00
Commonwealth of Massachusetts, on account of support of poor	175 75
Amount carried forward	$285,458 21

Amount brought forward	$285,458 21
From city of Boston, on account of support of poor,	290 00
city of Newton, on account of support of poor,	12 00
town of Hingham, on account of support of poor	3 00
Mrs. Codman and Mrs. Cabot, for pauper labor,	50 00
National Market Bank, interest on deposit .	679 92
Third National Bank, interest on deposit .	93 42
William I. Bowditch, guardian, interest on note of T. Lennon to Nov. 22, 1879 . .	129 89
C. C. Churchill, County Treasurer, on account of dog licenses	573 51
George Brooks, Chairman of the Finance Committee, for pupils attending school from other towns	176 06
Boylston Insurance Company, dividend . .	3 60
C. D. Lincoln, Water Registrar, on account of water rates	12,381 69
Joseph A. Willard, Clerk of Superior Court of Suffolk County, for money paid into court in the trial of Aaron D. Weld *v.* town, and not paid to Mr. Weld by inadvertence of Mr. Willard	39 87
W. Y. Gross, Janitor, use of Town Hall by sundry persons	794 00
W. Y. Gross, elm chopping-block . . .	25
Charles G. Chase, wood	5 00
Florence Sullivan, wood	1 00
Thomas B. Griggs, sidewalk boards . .	75
Thomas Winters, use of land on Heath Street,	5 00
James P. Stearns, paving driveway . .	6 00
Francis H. Bacon, proceeds of Village Hay-Scales for 1879	54 70
William D. Coolidge, proceeds of Central Hay-Scales for 1879	45 00
Francis Maley, horse	25 00
B. F. Baker, sale of town record . . .	3 00
Amount carried forward	$300,830 87

	Amount brought forward	$300,830 87
From	B. F. Baker, sale of town map . . .	1 00
	B. F. Baker, amount received for sale of license to keep intelligence-office . . .	4 00
	Jacob Morlock, on account of license . .	300 00
	Augustus W. Elwell, on account of license .	300 00
	Francis H. Bacon, on account of license .	50 00
	Warren G. Currier, on account of license .	50 00
	P. H. Cusick, on account of license . .	150 00
	James H. Curley, on account of license . .	150 00
	Thomas J. Cusick, on account of license .	150 00
	Patrick Fay, on account of license . .	150 00
	Simon P. Humphrey, on account of license .	300 00
	Thomas McCullough, on account of license .	150 00
	Peter M. Kelleher, on account of license .	150 00
	Margaret Crosby, on account of license . .	100 00
	William D. Coolidge, on account of license .	50 00
	Solomon Burt, on account of license . .	50 00
	Margaret Roach, on account of license . .	50 00
	Joanna Hayes, on account of license . .	50 00
	Washington B. Trull, on account of sewer assessment	128 81
	Edward Murnan, on account of sewer assessment.	7 00
	Boston and Albany Railroad Company, on account of sewer assessment	35 49
	Jacob Morlock, on account of sewer assessment.	76 73
	James M. Blaney, on account of sewer assessment.	157 23
	Emeline H. Reed, on account of sewer assessment.	42 18
	P. M. Kelleher, on account of sewer assessment.	37 16
	Oliver Whyte, on account of sewer assessment,	2 07
	James W. Clark, on account of sewer assessment.	90 02
	Amount carried forward	$303,612 56

Amount brought forward	$303,612 56
From Michael Pidgeon, on account of sewer assessment.	7 00
Edward Mildon, on account of sewer assessment.	10 00
John D. Runkle, on account of sewer assessment.	25 00
George W. Goldsmith, on account of sewer assessment	304 64
Patrick Kelley, on account of sewer assessment,	57 00
Helen McG. Noyes, on account of sewer assessment	78 90
Thomas Burke, on account of sewer assessment.	32 25
John B. Kettell, on account of sewer assessment.	26 42
Abraham T. Lowe, on account of sewer assessment.	170 92
Charter Oak National Bank, on account of sewer assessment	277 91
Michael Rourke, on account of sewer assessment.	57 00
Hingham Institution for Savings, on account of sewer assessment	225 00
Seth Ames, on account of sewer assessment .	295 50
Peter Keiser, on account of sewer assessment,	87 00
Jane Brown, on account of sewer assessment,	112 50
M. W. Quinlan, on account of sewer assessment.	175 83
Mrs. Julia Lawrence, on account of sewer assessment	152 05
William S. Dexter *et al.*, on account of sewer assessment	33 56
Thomas B. Hall, on account of sewer assessment.	206 26
Eben Wright, on account of sewer assessment,	354 77
Eben Wright, trustee for Mary E. Wright *et al.*, on account of sewer assessment . .	314 67
Amount carried forward	$306,616 74

Amount brought forward	$306,616 74
From Eben Wright, trustee for George W. Wright *et al.*, on account of sewer assessment .	317 84
Eben Wright, John H. Wright, and George F. Fabyan, trustees for J. H. Wright *et al.*, on account of sewer assessment . . .	321 00
Frederick A. Searle, on account of sewer assessment	150 00
Amos A. Lawrence, on account of sewer assessment	5,603 18
Thomas McCullough, on account of sewer assessment	46 13
James M. Seamans, on account of sewer assessment	142 13
estate of Benjamin B. Davis, on account of sewer assessment	372 30
James Collins, on account of sewer assessment.	10 00
T. E. Francis, on account of sewer assessment,	484 03
Samuel S. Allen, on account of sewer assessment.	195 00
Mary O'Hearn, on account of sewer assessment.	36 96
Howard Stockton, trustee, on account of sewer assessment	1,067 69
Emma B. Bush, on account of sewer assessment.	180 00
Brookline Savings Bank, on account of sewer assessment	24 43
Theodore Von Arnim, on account of sewer assessment	14 74
Theodore P. Hall, on account of sewer assessment.	116 97
Thomas Curry, on account of sewer assessment.	20 00
James H. Curley, on account of sewer assessment.	22 73
Amount carried forward	$315,741 87

Amount brought forward	$315,741 87
From John P. Ruggles, on account of sewer assessment.	150 00
heirs of William Wilson, on account of sewer assessment	29 00
Michael Griffin, on account of sewer assessment.	5 59
James Driscoll, on account of sewer assessment.	256 41
John Ferguson, on account of sewer assessment.	57 00
James McDermot, on account of sewer assessment.	57 00
Joshua Conant, on account of sewer assessment.	36 75
Nathaniel Conant, on account of sewer assessment.	7 44
Harrison Gardner, on account of sewer assessment.	224 95
Edward S. Philbrick, on account of sewer assessment	1,875 22
estate of John Wells, on account of sewer assessment	294 00
Michael Cusick, on account of sewer assessment.	77 29
Samuel Gregory, on account of sewer assessment.	18 10
Charles Rohan, on account of sewer assessment,	87 60
Christ Church, on account of sewer assessment,	436 29
F. R. Sears *et al.*, trustees, on account of sewer assessment	386 92
David, Emily E., and Harry F. Sears, on account of sewer assessment.	1,139 65
Henry G. Fay, on account of sewer assessment.	150 00
James W. Edgerly, on account of sewer assessment.	31 10
Amount carried forward	$321,062 18

Amount brought forward	$321,062 18
From George A. Mudge, on account of sewer assessment	440 52
Adam Halfenstein, on account of sewer assessment	61 67
interest on sewer assessment	8 38
uncollected taxes for 1876	77 20
interest on same	14 83
uncollected taxes for 1877	5,420 00
interest on same	963 94
uncollected taxes for 1878	9,290 14
interest on same	432 42
uncollected taxes for 1879	269,649 53
interest on same	280 43
Total amount received	$607,701 24
Less borrowed in anticipation of taxes . . .	150,000 00
	$457,701 24

EXPENDITURES.

EDUCATION.

Appropriation . .	$36,000 00	
From pupils from out of town,	176 06	
	$36,176 06	

High School.

Paid J. Emery Hoar, principal . .	$2,700 00	
Nathan H. Harriman, assistant .	1,275 00	
Abby W. Deane, assistant . .	1,000 00	
Mary S. Edgerly, assistant . .	650 00	
L. E. Newcomb, janitor . .	132 00	
Cousens Brothers, coal . . .	132 38	
M. J. McCarren, charcoal . .	9 90	
		$5,899 28

Pierce Grammar School.

Paid D. H. Daniels, principal . .	$2,000 00	
Etta D. Paul, assistant . . .	687 50	
Lizzie Mitchell (5 months) . .	275 00	
F. Swanton	625 00	
Carrie P. Manning . . .	587 50	
M. P. Frye	625 00	
M. S. Donaldson (5 months) .	303 50	
Eleanor J. McKenzie (1 month) .	55 00	
Cousens Brothers, coal . . .	106 25	
Amounts carried forward . .	$5,264 75	$5,899 28

Amounts brought forward . .	$5,264 75	$5,899 28	
Paid Joel Tiffany, charcoal . . .	3 15		
M. J. McCarren, charcoal . .	15 00		
L. E. Newcomb, janitor . .	132 00		
		5,414 90	

PIERCE PRIMARY SCHOOL.

Paid M. E. Malone	$625 00	
Harriet F. Woods (5 months) .	312 50	
Mattie Pickering (5 months) . .	275 00	
Annie Carroll	587 50	
Terence Gallagher, janitor . .	131 25	
Cousens Brothers, coal . . .	140 25	
M. J. McCarren, charcoal . .	12 00	
		2,083 50

HEATH-STREET SCHOOL.

Paid C. L. Rideoute, principal (5 mos.),	$650 00	
M. J. Collingwood . . .	650 00	
M. E. Hyde	625 00	
Mary Kelley	587 50	
Lawrence Moran, janitor . .	153 00	
Cousens Brothers, coal . . .	127 50	
		2,793 00

WARD SCHOOL.

Paid David Bentley, principal (7 mos.),	$1,400 00	
George S. Turner (4 months) .	520 00	
Sylvester Brown	150 00	
Charles N. Bentley (5 months) .	275 00	
Ella W. Armes	562 50	
Emma A. George	625 00	
Lizzie A. Rausch	610 00	
Carrie W. Gookin	625 00	
Annie L. Richardson . . .	625 00	
Jennie Carroll	587 50	
Emma L. Wiswall . . .	625 00	
Amounts brought forward . .	$6,605 00	$16,190 68

Amounts brought forward . .	$6,605 00	$16,190 68
Paid Fannie L. Daggett (7 months) .	400 00	
M. L. Donaldson (2 months) .	105 93	
Clara Motte (3 months) . .	187 50	
C. A. Howe (1 month) . . .	55 00	
L. E. Newcomb, janitor . .	175 00	
Cousens Brothers, coal . . .	180 00	
M. J. McCarren, charcoal . .	9 60	
		7,718 03

HARVARD-STREET PRIMARY.

Paid S. D. Newton	$625 00	
Emma L. Stephens (5½ months) .	350 62	
S. Louise Harris (5 months) . .	275 00	
James W. Coolidge, janitor . .	83 50	
Cousens Brothers, coal . . .	42 50	
M. J. McCarren, charcoal . .	12 00	
		1,388 62

SOUTH PRIMARY SCHOOL.

Paid Abbie P. Haines	$625 00	
E. T. Lewis	625 00	
Terence Gallagher, janitor . .	85 93	
Cousens Brothers, coal . . .	60 76	
M. J. McCarren, charcoal . .	9 00	
		1,405 69

LAWRENCE SCHOOL.

Paid Susie M. Rowe (5 months) . .	$312 50	
Clara Motte (5 months) . .	275 00	
Isabelle W. Andros (5 months) .	275 00	
Lizzie W. Bean (5 months) . . .	275 00	
James W. Coolidge, janitor . .	56 00	
John Donovan, janitor	32 00	
Cousens Brothers, coal . . .	42 50	
M. J. McCarren, charcoal . .	9 00	
		1,277 00
Amount carried forward		$27,980 02

Amount brought forward		$27,980 02

LONGWOOD PRIMARY SCHOOL.

Paid Clara E. Ballou	$587 50	
James W. Coolidge, janitor . .	42 00	
John Donovan, janitor . . .	24 00	
Cousens Brothers, coal . . .	46 75	
M. J. McCarren, charcoal . .	10 80	
	———	711 05

NEWTON-STREET PRIMARY SCHOOL.

Paid S. Louisa Stearns	$450 00	
M. J. English, janitor . . .	53 00	
Cousens Brothers, coal . . .	9 30	
	———	512 30

SEWALL-STREET SCHOOL.

Paid F. L. Daggett (3 months) . .	$187 50	
John J. McCormack, janitor . .	30 32	
Cousens Brothers, coal . . .	34 00	
	———	251 82

SCHOOL SUNDRIES.

Paid Warren Goddard, jun., Secretary of School Committee . . .	$200 00	
George Brooks, Chairman of Finance Committee . . .	100 00	
O. B. Brown, instruction in music .	600 00	
Abbie M. White, instruction in drawing	226 00	
H. A. Nevers, instruction in sewing,	550 00	
Anna H. Pope, instruction in sewing (5 months)	75 00	
Nellie E. Shea, substituting . .	4 50	
N. H. Harriman, cash paid for sundries	5 92	
Amounts carried forward . .	$1,761 42	$29,455 19

Amounts brought forward . .	$1,761 42	$29,455 19
Paid H. A. Litchfield, musicians furnished for school exhibitions .	58 00	
S. E. Nason, music furnished High-school reunion	15 00	
E. M. Hunnewell, services as pianist at rehearsals and exhibition .	10 00	
Doogue, florist, decoration for school exhibition	50 00	
W. Y. Gross, building and removing platform for exhibition . .	10 40	
H. F. Belcher, ice-cream for Grammar-school collation . . .	36 00	
Hunt Brothers, moving grand piano,	8 00	
G. C. Canon, filling out diplomas .	11 20	
Treasurer of Public Library, part of expense of printing 1,000 copies of "school list" . . .	50 00	
Lawrence Paper Company, examination paper	30 00	
Oliver Ditson, music . . .	50 16	
Jamaica Pond Aqueduct Company, water for Ward School . .	12 00	
Boston School Supply Company .	9 40	
William Ware & Co., educational publishers	28 57	
Henry McElwin, slating blackboards	116 50	
L. Prang & Co., art publishers .	172 50	
L. E. Newcomb, truant-officer .	260 00	
L. E. Newcomb, sundries . .	192 62	
M. Burns, care of schoolroom .	57 00	
M. Burns, sundries . . .	3 00	
Henry A. Young & Co., publishers,	20 50	
Knight, Adams, & Co., books and stationery	15 23	
Lee & Shepard, publishers . .	52 56	
Amounts carried forward . .	$3,030 06	$29,465 19

Amounts brought forward . .	$3,030 06	$29,455 19
Paid Nichols & Hall, publishers . .	146 73	
T. R. Marvin & Son, printing .	106 00	
A. C. Stocking, schoolbooks . .	102 81	
Joseph W. Ripley, bookbinding .	24 70	
A. A. Cheney, books and stationery,	62 46	
D. B. Brooks & Co., ink . .	12 50	
M. R. Warren & Co., stationery .	2 75	
M. J. Bartlett, books . . .	3 00	
Edward A. Hammond, stationery .	5 50	
Amariah Storrs & Co., stationery .	1 00	
Rand, Avery, & Co., printing .	5 00	
Felix Johnson, jun., ventilating chimney	140 00	
Charles W. Morse, repair of clocks,	5 75	
Cousens Brothers, coal . . .	12 50	
Nelson C. Thompson, upholstery .	33 23	
T. T. Mason, upholstery . .	1 25	
J. L. Hammett, school merchandise,	21 50	
A. G. Whitcomb, furniture . .	105 75	
A. & E. Burton & Co., brushes .	31 24	
J. J. Gould, sundries . . .	1 00	
E. M. Pratt, sundries . . .	1 75	
Miss L. M. Swift, sundries . .	20 35	
A. G. Mathews, tuning pianos .	8 00	
Francis H. Bacon, grocer . .	10 40	
J. M. Seamans & Co., grocers .	2 44	
George F. Joyce & Co., grocers .	14 01	
Coolidge Brothers, grocers . .	7 98	
Charles F. Lamb, dry goods . .	6 00	
B. F. Baker, painter . . .	408 90	
R. A. Chace, painter . . .	7 00	
J. M. Russell, mason . . .	54 00	
Samuel Beal, carpenter . . .	22 88	
O. B. Delano, carpenter . .	30 95	
W. A. Goodwin, carpenter . .	337 87	
J. D. Long, carpenter . . .	28 00	
Amounts carried forward . .	$4,815 26	$29,455 19

Amounts brought forward . .	$4,815 26	$29,455 19
Paid B. W. Neal, carpenter . . .	62 49	
C. E. Dearborn, lumber . .	10 00	
Andrews & Gleason, provisions .	18 81	
Edward S. Ritchie & Son . .	194 65	
Horace James, mason . . .	170 12	
M. Goodspeed, carriage-hire . .	15 00	
F. C. Shannon, carriage-hire . .	1 25	
William Pree, cutler . . .	4 85	
J. C. Buzzell, express . . .	6 80	
Charles Chase, express . . .	12 05	
James W. Coolidge, sundries . .	23 05	
Pulsifer, Jordan, & Wilson, stationery	405 25	
Kenrick Brothers, plumbers . .	572 19	
Terence Gallagher, sundries . .	27 20	
Andrew Noland, labor . . .	1 75	
Mayo & Paine, plumbers . .	171 73	
L. Moran, jun., labor . . .	12 00	
Michael Manly	32 36	
		6,556 81
Total amount expended for schools . . .		$36,012 00

For use of water for schoolhouses, as per vote of town, $78.

EVENING SCHOOL.

APPROPRIATION . . .	$200 00	
Paid Francis L. Wellman, teaching .	$75 50	
D. B. Hoar, teaching . . .	63 00	
Nellie E. Shea, teaching . .	30 00	
Nichols & Hall, books and stationery	11 14	
Brookline Gas-Light Company .	8 00	
"Brookline Chronicle," printing .	1 50	
J. D. Long, janitor . . .	17 50	
		206 64
Amount carried forward		$36,218 64

Amount brought forward		$36,218 64

SCHOOL VENTILATION.

APPROPRIATION . . .	$2,000 00	
Paid Horace James	$982 09	
B. W. Neal	100 74	
Kenrick Brothers	320 17	
J. M. Russell	597 00	
		2,000 00

SCHOOL-BUILDINGS, IMPROVEMENT OF.

APPROPRIATION . . .	$1,100 00	
Paid Samuel Beal		1,100 00

NEW SCHOOLHOUSE ON SEWALL STREET.

APPROPRIATION . . .	$5,000 00	
Paid J. M. Russell, contractor . .	$356 00	
Samuel Beal, carpenter . . .	3,134 86	
estate of Mrs. W. S. Wilson, gravel,	70 46	
John W. Candler, gravel . .	116 50	
Cyrus Carpenter & Co., furnace .	125 00	
Peabody & Stearns, architects .	169 65	
J. H. Boody	23 91	
James Driscoll	41 50	
Timothy McCarthy . . .	14 25	
laborers, as per pay-roll . .	725 13	
		4,777 26

SUPPORT OF POOR.

APPROPRIATION . . .	$6,000 00	
From other sources . .	530 75	
	$6,530 75	
Paid Commonwealth of Massachusetts, support of poor	$47 75	
Amounts carried forward . .	$47 75	$44,095 90

Amounts brought forward . .	$47 75	$44,095 90
Paid city of Boston, support of poor .	63 36	
city of Lawrence, support of poor .	130 00	
city of Haverhill, support of poor .	29 46	
town of Holliston, support of poor .	10 00	
town of Natick, support of poor .	18 00	
Hospital for the Insane, Northampton	168 77	
Asylum for Chronic Insane . .	174 51	
Taunton Lunatic Hospital . . .	8 15	
St. Vincent's Asylum . . .	180 00	
the children's hospital . . .	20 00	
Carney Hospital	89 70	
House of Good Shepherd . .	96 00	
House of the Angel Guardian, tuition and support of poor . .	660 15	
Colonnade House	2 00	
Ira B. Cushing, M.D., medical attendance	4 00	
G. K. Sabine, M.D., medical attendance	243 41	
T. E. Francis, M.D., medical attendance	33 00	
D. B. Van Slyck, M.D., medical attendance	87 00	
George P. Wesselhoeft, M.D., medical attendance	12 00	
Warren G. Currier, apothecary .	25 93	
George W. Bird, apothecary . .	4 75	
F. A. Searle, printing . . .	16 00	
Mayo & Paine, plumbers . .	7 55	
Brown Brothers, provisions . .	1 28	
Francis H. Bacon, groceries . .	420 50	
Thomas T. Robinson, groceries .	820 00	
E. W. Packard, groceries . .	1,138 75	
George F. Joyce & Co., groceries .	196 75	
J. M. Seamans & Co., groceries .	14 68	
Amounts carried forward . .	$4,723 45	$44,095 90

Amounts brought forward . .	$4,723 45	$44,095 90
Paid Stone & Goodspeed, carriage-hire .	3 00	
M. Goodspeed, carriage-hire . .	3 00	
J. B. Cassidy & Co. . . .	20 00	
Cousens Brothers, coal . . .	17 50	
Trowbridge & Hill, wood and coal .	328 75	
Brookline Gas-Light Company .	18 00	
"Brookline Chronicle" . . .	1 75	
Lyford & Pierce	28 00	
S. Rowland Hart	96 00	
J. L. Fairbanks	3 50	
A. S. Paige	19 90	
Philip Duffy	160 00	
Dennis Donovan	12 00	
John Carmody	3 00	
Ann Fleming	46 00	
Timothy Nyhan	11 79	
John O'Brien	61 00	
Thomas Quinlan	28 00	
John Noonan	24 00	
E. W. Bunnell	25 27	
Martin Costello	180 00	
Morris Kelleher	44 00	
C. O'Hearn	180 00	
Owen Lynch	4 00	
John McCarty	20 00	
John Manahan	22 80	
John Frawley	96 00	
Hugh Murray	44 00	
Thomas Finn	36 00	
Martin Flannagan	72 00	
James Driscoll	12 00	
Daniel Lyons	24 00	
William W. O'Connell . . .	2 70	
B. C. Clark	18 00	
F. C. Shannon	75	
John Donovan	5 00	
Amounts carried forward . .	$6,395 16	$44,095 90

Amounts brought forward . .	$6,395 16	$44,095 90
Paid Ann McNamara	14 00	
Mrs. J. Madore	12 00	
Mrs. Edward Howe . . .	28 00	
Ann Cusick	8 25	
Joanna Conway	35 00	
Margaret Glynn	26 00	
Bridget Sullivan	96 00	
Mrs. Hanlan	22 00	
Bridget McMahan	96 00	
Mrs. P. Ryan	88 00	
Mary Bolan	96 00	
Mrs. Beattie	42 00	
Mrs. J. Mealey	16 00	
Susan Campbell	48 00	
Mrs. Conway	64 00	
Mrs. Slater	88 00	
Mrs. Crosby	12 00	
Margaret Hillern	216 00	
Mary Carmody	12 00	
		7,414 41

SUPPORT OF HIGHWAYS.

Appropriation . .	$16,000 00	
Paid Brookline Gas-Light Company .	$21 90	
Cousens Brothers, coal . . .	50 14	
"Brookline Chronicle" . . .	1 00	
C. E. Dearborn, lumber . . .	7 23	
S. E. Chubbuck, machinist . .	16 30	
Walworth Manufacturing Company,	3 15	
Davis & Farnum Manufacturing Company	74 69	
Whiting Iron Foundery Company .	43 10	
A. H. French, engineer . . .	14 49	
John W. Candler, gravel . .	70 50	
R. Woodward, iron-work . .	401 12	
Amounts carried forward . .	$703,62	$51,510 31

Amounts brought forward . .	$703 62	$51,510 31
Paid M. W. Quinlan, iron-work . .	196 42	
Philip Duffy, iron-work . . .	149 90	
Thomas Nagle, iron-work . .	99 25	
Charles and William Stearns . .	119 75	
estate of Mrs W. S. Wilson . .	161 00	
Thomas T. Robinson, grocer . .	28 31	
James M. Seamans & Co., grocers,	1,046 28	
American Spiced Food Company .	32 00	
Warren G. Currier, apothecary .	10 58	
B. F. Baker, painter . . .	51 83	
O. B. Delano, carpenter . .	335 56	
B. W. Neal, carpenter . . .	149 27	
John E. Blaisdell, carpenter . .	25 78	
Samuel Beal, carpenter . . .	305 32	
Charles D. Austin, hardware . .	26 09	
Macomber, Bigelow, & Dowse, hardware	27 00	
Morse & Whyte, gravel-screen .	8 00	
Kenrick Brothers, plumbers . .	25 38	
Hill, Clark, & Co., machinery supplies	103 78	
John Turner, paver and contractor,	106 38	
Parker & Gannett, canal-barrows .	12 00	
Ames Plow Co., canal-barrows .	6 00	
C. W. Lyman & Co., concreting .	79 00	
Horace James, mason	44 36	
David W. Lewis, pipe, &c. . .	87 05	
Thomas W. Carter, flagging-stones,	43 44	
Cuddihy & German, flagging-stones,	161 51	
Frank D. Gore, paving-stones .	27 00	
A. Parker, stone-contractor . .	20 00	
William Bowers, 2d, a broom-brush,	2 70	
Mrs. Edward Howe, stone . .	6 25	
L. F. Johnson, harness-polish .	50	
A. A. Cheney, harness-polish .	2 75	
M. Massey, harness-soap . .	9 00	
Amounts carried forward . .	$4,213 06	$51,510 31

Amounts brought forward . .	$4,213 06	$51,510 31
Paid Crown Lubricator Co., axle-grease,	5 00	
M. McGrady, carrots . . .	19 56	
P. S. Allen	120 00	
C. O'Hearn	145 00	
James Driscoll	184 00	
James McBurney	150 00	
D. J. Carroll	1 68	
Thomas Hartigan	5 00	
M. Mahan	40 60	
laborers, as per pay-roll . .	11,089 92	
		15,973 82

For use of water for watering streets, as per vote of town, $2,028.

MAKING BROOK STREET, SHORT STREET, AND SEWER.

Appropriation . . $41,775 50		
Paid Joshua Lovett, land damage . .	$75 00	
Thomas Howe, land damage . .	750 00	
Daniel Doane, land damage . .	870 00	
John J. Dorey and George F. Hitchings, jun., contractors .	14,558 44	
Howard A. Carson, services as consulting engineer . . .	625 00	
A. H. French, civil engineer . .	1,005 13	
H. W. B. Finney, assistant . .	540 83	
Aspinwall & Lincoln, engineers .	35 00	
F. M. Hersey, engineer . .	14 00	
L. M. Lincoln, making copies of contracts, bonds, &c., for Brook Street and sewer . . .	10 00	
F. A. James, making copies of contracts, bonds, &c. . . .	10 00	
Bay State Brick Company . .	4,635 05	
T. W. Hoxie & Co., cement . .	2,381 10	
Amounts carried forward . .	$25,509 55	$67,484 13

Amounts brought forward . .	$25,509 55	$67,484 13
Paid Whiting Iron Foundery Company .	139 08	
David W. Lewis, pipe . . .	223 90	
Ham & Carter, pipe, &c. . .	186 92	
A. Parker, arch-stone . . .	9 10	
Cuddihy & German, flagging-stone,	5 60	
John S. Lyons, granite . . .	347 70	
J. F. Paul & Sons, sewer-frames .	90 00	
C. E. Dearborn, lumber .. .	167 83	
Aaron R. Gay & Co., blank books and stationery	8 55	
Charles D. Austin, hardware . .	34 83	
Trowbridge & Hill, wood and coal,	6 00	
F. F. Forbes, cost of laying water-pipe, &c.	3 08	
James Rooney, rubber boots . .	42 45	
J. M. Russell, mason . . .	3 50	
Horace James, mason . . .	226 30	
W. A. Goodwin, carpenter . .	10 45	
O. B. Delano, carpenter . .	19 43	
Samuel Beal, carpenter . .	74 77	
Thomas T. Robinson, grocer . .	19 81	
Kenrick Brothers, plumbers . .	64 79	
Mayo & Paine, plumbers . .	58	
R. Woodward, iron-work . .	41 68	
Thomas Nagle, iron-work . .	20 77	
M. W. Quinlan, iron-work . .	2 70	
M. Goodspeed, carriage-hire . .	17 00	
J. Hayes, express	5 00	
R. A. Chace	1 11	
James Driscoll, labor . . .	2,559 00	
Felix Johnson, jun. . . .	184 61	
Patrick McCarthy	20 75	
John Mullins	5 00	
William Barrett	61 00	
laborers, as per pay-roll . .	1,635 78	
		31,748 62
Amount carried forward		$99,232 75

Amount brought forward		$99,232 75

SIDEWALKS.

APPROPRIATION . . . $4,000 00		
Paid John E. Blaisdell, carpenter . .	$27 32	
Samuel Beals, carpenter . .	544 14	
Nathan Dorr, carpenter . .	293 95	
B. W. Neal, carpenter . . .	546 25	
O. B. Delano, carpenter . .	147 73	
Horace James, mason . . .	3 38	
C. W. Lyman & Co., concreting .	1,400 00	
John Turner & Co., edgestone .	64 38	
M. Mahan, carpenter . . .	521 27	
John W. Candler, gravel . .	30 87	
J. M. Seamans & Co. . . .	6 05	
laborers, as per pay-roll . .	379 89	
		3,965 23

REMOVING SNOW FROM SIDEWALKS.

APPROPRIATION . . . $2,500 00		
Paid Samuel Beal, carpenter . . .	$4 28	
R. Woodward, iron-work . .	26 88	
M. W. Quinlan, repairs . .	24 79	
Philip Duffy	10 00	
Charles D. Austin, hardware . .	50 51	
James Driscoll, labor . . .	58 50	
E. W. Reed, labor . . .	72 50	
laborers, as per pay-roll . .	2,087 42	
		2,334 88

LIGHTING STREETS, INCLUDING TWO NEW LAMPS ON CHESTNUT STREET.

APPROPRIATION . . $12,200 00		
Paid Brookline Gas-Light Company .	$5,486 43	
Globe Gas-Light Company . .	1,974 48	
United States Street-Lighting Co. .	642 54	
Amounts carried forward . .	$8,103 45	$105,532 86

Amounts brought forward . .	$8,103 45	$105,532 86
Paid J. S. Woods	2,666 86	
E. S. Ritchie	292 50	
Kenrick Brothers	3 65	
J. A. & W. Bird & Co. . . .	18 50	
J. B. Tilley	25 00	
		11,109 96

WATERING STREETS.

Appropriation . . . $4,000 00		
Paid P. S. Allen	$1,000 00	
James Driscoll	1,000 00	
James McBurney	998 38	
C. O'Hearn	997 56	
Thomas Cunningham & Sons, machinists	8 13	
		4,004 07

FIRE DEPARTMENT.

Appropriation . . . $7,000 00		
Paid Board of Fire Engineers . .	$400 00	
Hook and Ladder Company No. 1,	576 25	
Hose Company No. 1 . . .	477 50	
Hose Company No. 2 . . .	478 75	
George L. Newcomb, driver of hook and ladder	660 00	
M. Burns, driver of Hose No. 1 .	660 00	
L. F. Johnston, driver of Hose No. 2	645 00	
Benjamin F. Baxter, driver of steam fire-engine . . .	495 00	
Leo Bertsch, call-engineer of steam fire-engine	104 71	
John A. Ayers, call-fireman . .	43 75	
Alonzo W. Corey, relief-driver .	15 50	
Amounts carried forward . .	$4,556 46	$120,646 89

Amounts brought forward . .	$4,556 46	$120,646 89
Paid John J. Burns, services as call-driver, &c.	38 00	
Henry J. Murray, call-driver, &c. .	10 00	
W. H. Delano, driver of Hose No. 2	4 00	
George F. Palmer, relief-driver .	6 00	
Brookline Telephone Exchange .	78 00	
Arthur & Spenser, printing . .	1 00	
"Brookline Chronicle" . . .	9 00	
E. S. Noyes, jun., one U. S. flag .	7 00	
Warren G. Currier . . .	1 80	
J. F. Hutchings, one bottle of spavin cure	2 00	
J. F. Bernard & Co., harness-dressing	1 25	
H. C. Harris, harness-dressing .	1 50	
A. A. Cheney, harness-dressing .	7 75	
Bancroft & Dyer, furniture . .	23 00	
Bakers & Humphrey, cordage, oils, &c.	28 53	
American Spiced Food Company .	24 00	
L. H. Shattuck, dry goods . .	9 58	
George F. Boynton & Co., dry goods	5 13	
Brookline Gas-Light Company .	213 30	
J. M. Seamans & Co., grocers .	230 46	
T. T. Robinson, grocer . . .	437 00	
Coolidge & Brother, grocers . .	348 21	
Francis H. Bacon, grocer . .	93	
S. Burt, grocer	5 20	
James Boyd & Sons, hose . .	205 34	
Cousens Brothers, coal . . .	102 15	
Charles Chase, express . . .	5 95	
A. W. Mitchell, badges . .	53 54	
Mayo & Paine, plumbers . .	22 51	
Kenrick Brothers, plumbers . .	42 70	
Amounts carried forward . .	$6,481 29	$120,646 89

Amounts brought forward . .	$6,481 29	$120,646 89
Paid Stone & Goodspeed, carriage-hire .	16 00	
M. Goodspeed, carriage-hire . .	4 50	
C. W. Lyman, concreting . .	18 75	
Charles D. Austin	40	
R. Woodward	201 38	
J. H. Maher & Co., repair harness, &c.	38 10	
Mrs. George Harvey, washing .	37 57	
O. B. Delano, carpenter . .	55 45	
Samuel Beal, carpenter . . .	5 01	
E. F. Allen	10 41	
Lucas & Maher	3 55	
B. F. Quimby	1 00	
J. Keegan	1 50	
Trueman Edgerly	1 50	
J. Hayes	1 00	
C. L. Palmer	10 00	
C. A. Pons	24 30	
A. Noland	77 86	
Gottlieb Schneider . . .	3 00	
		6,992 57

For use of water for hydrants, as per vote of town, $3,833.

NEW HOSE-CARRIAGE.

Appropriation . . .	$600 00	
Paid Ryan Brothers		570 00

NEW HOSE (1,000 FEET).

Appropriation . . .	$1,000 00	
Paid James Boyd & Son		1,000 00

FOUR HYDRANTS ON BOYLSTON STREET.

Appropriation . . .	$350 00	
Paid Boston Machine Company . .	$155 55	
Amounts carried forward . .	$155 55	$129,209 46

Amounts brought forward . .	$155 55	$129,209 46
Paid Davis & Farnum Manufacturing Company, castings . . .	21 45	
Whiting Iron Foundery Company .	8 11	
Samuel Mayo & Co., hardware .	8 50	
Stone & Goodspeed . . .	7 50	
employees' pay-roll . . .	30 10	
		231 21

SINKING FUND.

Appropriation . . $58,600 00		
Paid Commonwealth of Massachusetts .	$16,000 00	
Charles D. Head, Treasurer . .	3,600 00	
State Mutual Life Assurance Co. .	5,000 00	
Hopkinton Savings Bank . .	5,000 00	
Cape Ann Savings Bank . .	25,000 00	
Rachel Lewis	4,000 00	
		58,600 00

PAYMENT OF NOTE BECOMING DUE IN JULY.

Appropriation . . $5,000 00		
Paid Richardson, Hill, & Co.		5,000 00

INTEREST ON TOWN DEBT.

Appropriation . . $93,250 00		
Paid interest on water scrip . . .	$34,070 00	
interest on Town Hall fund bonds .	9,000 00	
interest on public ground fund bonds	5,400 00	
interest on sewer bonds . . .	6,275 00	
Commonwealth of Massachusetts .	7,746 75	
New England Mutual Life Insurance Company	16,505 00	
State Mutual Life Assurance Co. .	1,503 26	
Dedham Institution for Savings .	640 24	
Amounts carried forward . .	$81,140 25	$193,040 67

Amounts brought forward . .	$81,140 25	$193,040 67
Paid Lynn Institution for Savings . .	325 00	
Hingham Institution for Savings .	1,950 00	
Franklin Savings Institution . .	4,158 00	
Salem Savings Bank . . .	1,440 00	
Cape Ann Savings Bank . .	1,042 71	
Hopkinton Savings Bank . .	204 92	
Charles D. Head, Treasurer of Commissioners of Sinking Fund .	1,248 00	
Richardson, Hill, & Co. . .	893 23	
F. A. Hall, trustee . . .	490 00	
Rachel Lewis	163 94	
Nancy Stearns	65 00	
		93,121 05

STATE TAX.

Appropriation . . .	$7,905 00	
Paid Commonwealth of Massachusetts . . .		7,905 00

COUNTY TAX.

Appropriation . .	$20,755 38	
Paid county of Norfolk		20,755 38

DECORATION DAY.

Appropriation . . .	$300 00	
Paid Post 143, G.A.R.		300 00

RINGING BELL.

Appropriation . . .	$175 00	
Paid Barny McDonald, ringing bell .	154 00	
Matthew McNeilly, ringing bell holidays	2 00	
David McClure, ringing bell holidays	2 00	
J. D. Long, ringing bell holidays .	4 00	
		162 00
Amount carried forward		$315,284 10

Amount brought forward		$315,284 10

LIBRARY.

Appropriation . . .	$4,000 00	
Paid Charles D. Head		4,000 00
For use of water for library building, as per vote of town, $18.		

LIBRARIAN'S SALARY.

Appropriation . . .	$1,200 00	
Paid M. A. Bean, Librarian		1,200 00

SUPERINTENDENT OF STREETS.

Appropriation . . .	$1,200 00	
Paid M. Driscoll, Superintendent of Streets . .		1,200 00

ASSESSORS, INCLUDING CLERICAL AID, PREPARING TAX LIST FOR PUBLICATION, AND CORRECTING CORPORATION TAX LIST AT STATE HOUSE.

Appropriation . . .	$2,000 00	
Paid William Lincoln, J. Anson Guild, and William D. Coolidge, services as Assessors . .		2,000 00

AUDITORS.

Appropriation	$150 00	
Paid Albert L. Lincoln, jun., Horace D. Chapin, and William D. Coolidge, services as Auditors		30 00

CLERK OF WALNUT HILLS CEMETERY.

Appropriation	$150 00	
Paid B. F. Baker, clerk		150 00
Amount carried forward		$323,864 10

Amount brought forward		$323,864 10

TOWN CLERK.

Appropriation . . .	$500 00	
Paid B. F. Baker, services as Town Clerk . .		500 00

CLERK OF SELECTMEN AND OVERSEERS OF THE POOR.

Appropriation . . .	$500 00	
Paid C. D. Lincoln, services as Clerk of Selectmen and Overseers of the Poor		500 00

TREASURER AND COLLECTOR.

Appropriation . . .	$2,000 00	
Paid Moses Withington, services as Treasurer and Collector		2,000 00

SELECTMEN.

Appropriation . . .	$2,000 00	
Paid Moses Williams, jun. . . .	$300 00	
Oliver Whyte	400 00	
Francis W. Lawrence . . .	400 00	
Horace James	400 00	
R. G. F. Candage	400 00	
		1,900 00

OVERSEERS OF THE POOR.

Appropriation . . .	$1,000 00	
Paid Moses Williams, jun. . . .	$107 13	
Oliver Whyte	142 85	
Francis W. Lawrence . . .	142 85	
Horace James	142 85	
R. G. F. Candage	142 85	
Henrietta Codman	142 86	
Elizabeth Cabot	142 86	
		964 25
Amount carried forward		$329,728 35

Amount brought forward			$329,728 35

PREPARING TAX LIST FOR PUBLICATION.

APPROPRIATION . . .	$250 00		
Paid William Lincoln			250 00

STATE AID.

APPROPRIATION . . .	$800 00		
Paid sundry persons			762 50

CEMETERY ON WALNUT STREET.

APPROPRIATION . . .	$200 00		
Paid Walter K. Means, engineering .		$7 00	
T. S. Pettengill, labor . . .		150 50	
			157 50

RAISING ST. PAUL STREET TO GRADE.

APPROPRIATION . . .	$400 00		
Paid A. H. French, engineering . .		$7 75	
Charles and William Stearns . .		47 75	
C. E. Dearborn, lumber . .		24 29	
O. B. Delano, carpenter . .		85	
Nathan Dorr, carpenter . .		17 12	
laborers, as per pay-roll . .		302 22	
			399 98

CARE OF SEWER.

APPROPRIATION . . .	$2,500 00		
Paid A. H. French, engineer . . .		$10 64	
Bay State Brick Company . .		31 50	
Whiting Iron Foundery . . .		47 40	
Charles D. Austin, hardware . .		1 20	
Amounts carried forward . .		$90 74	$331,298 33

Amounts brought forward		$90 74	$331,298 33
Paid R. Woodward, iron-work		4 50	
Thomas Nagle, iron-work		19 56	
Trowbridge & Hill, wood and coal		2 00	
James Rooney, rubber boots		3 00	
Stone & Goodspeed, carriage-hire		2 00	
J. M. Seamans & Co., grocers		108 99	
Kenrick Brothers, plumbers		5 49	
Horace James, mason		74 37	
O. B. Delano, carpenter		13 02	
C. E. Delano, carpenter		9 00	
J. Hayes, jobbing		1 00	
Patrick McCarthy		4 00	
laborers, as per pay-roll		668 21	
			1,005 88

SEWER ASSESSMENT.

Paid Emeline H. Read (abatement)		42 18

PLANS FOR CONSTRUCTION OF SEWER SYSTEM FOR THE TOWN.

Appropriation	$1,500 00	

DISABLED SOLDIERS, AND FAMILIES OF DECEASED SOLDIERS.

Appropriation	$500 00		
Paid George F. Joyce & Co., grocers		$8 00	
E. W. Packard, grocers		86 00	
Trowbridge & Hill, wood and coal		24 00	
M. Withington		6 00	
R. G. F. Candage		10 00	
Mrs. Moses Peck		26 00	
			160 00
Amount carried forward			$332,506 39

Amount brought forward		$332,506 39

HEALTH DEPARTMENT.

Appropriation . . .	$1,000 00	
Paid C. D. Lincoln, Clerk of Board of Health	$100 00	
D. B. Van Slyck, M.D., medical attendance	2 00	
J. W. Steere, attending tide-gate .	60 00	
"Brookline Chronicle," printing .	1 50	
M. W. Quinlan, repairs . . .	2 50	
Stone & Goodspeed, carriage-hire .	1 00	
M. Goodspeed	3 00	
Francis Mealey, collecting house offal	200 00	
James Driscoll	3 00	
W. Y. Gross	17	
Hugh Murray	3 00	
laborers, as per pay-roll . .	615 08	
		991 25

REPAIR OF TOWN BUILDINGS.

Appropriation . . .	$1,800 00	
Paid B. F. Baker, painting . . .	$342 98	
R. A. Chace, painting . . .	15 06	
Kenrick Brothers, plumbers . .	85 71	
O. B. Delano, carpenter . . .	124 55	
B. W. Neal, carpenter . . .	25 88	
Samuel Beal, carpenter . . .	379 49	
W. A. Goodwin, carpenter . . .	93 98	
M. Mahan, carpenter	3 00	
J. D. Long, carpenter . . .	10 17	
Horace James, mason . . .	257 49	
J. M. Russell, mason . . .	27 09	
J. F. Taylor	107 00	
J. H. Boody, painting . . .	153 25	
Amounts carried forward . .	$1,625 65	$333,497 64

Amounts brought forward . .	$1,625 65	$333,497 64
Paid J. B. Hand	80 00	
L. E. Newcomb, screens, &c. .	5 62	
Andrew Noland	31 85	
R. Woodward, iron-work . .	19 69	
laborers, as per pay-roll . .	37 19	
		1,800 00

CARE OF TOWN HALL, INCLUDING JANITOR.

APPROPRIATION . . $2,000 00		
Paid W. Y. Gross, services as janitor, &c.	$1,038 75	
Cousens Brothers, coal . . .	382 50	
Brookline Gas-Light Company .	397 86	
William K. Melcher, carpenter .	37 91	
O. B. Delano, carpenter . .	2 57	
J. D. Long, carpenter . . .	2 00	
B. F. Baker, painter . . .	3 50	
Mayo & Paine, plumbers . .	3 00	
Kenrick Brothers, plumbers . .	11 18	
E. F. Allen, gas-fitter . . .	7 47	
Ingalls & Kenricken, manufacturing of steam-heating apparatus .	1 00	
T. T. Wilson, upholsterer . .	5 34	
Walworth Manufacturing Company,	17 66	
Charles W. Morse, repairing clock .	2 50	
McGonigle & McIntosh . . .	22 50	
George F. Joyce & Co., grocers .	1 35	
E. W. Packard, grocer . . .	1 85	
Horace James, mason . . .	2 00	
R. A. Chace, painter . . .	2 25	
Charles Chase, express . . .	1 65	
Charles D. Austin, hardware . .	17 11	
William Pree, cutler . . .	3 50	
L. M. Swift, dry goods . . .	12 47	
R. Woodward, iron-work . .	4 38	
Amounts carried forward . .	$1,982 30	$335,297 64

Amounts brought forward . .	$1,982 30	$335,297 64	
Paid C. A. Pons, labor	15 00		
C. L. Perry	1 25		
C. W. H. Moulton, ladder . .	10 00		
laborers, as per pay-roll . .	8 93		
		2,017 48	

For use of water for Town Hall, as per vote of town, $56.

POLICE.

Appropriation . .	$13,000 00	
Paid Alonzo Bowman, Chief; George F. Dearborn and Charles B. McCausland, sergeants; B. C. Clark, Mears Orcutt, Thomas J. Murray, William W. O'Connell, Burton R. Willis, George F. Marston, Albert S. Paige, Charles H. Cilley, Joseph J. O'Connell, Alonzo W. Corey, and Robert J. Watson, patrolmen; Patrick Johnson and Charles F. Bush, resigned . .	$11,497 65	
A. Bowman, cash paid for sundries,	57 59	
Brookline Gas-Light Company .	286 20	
"Brookline Chronicle," printing .	3 50	
William F. Bowler, horse . .	125 00	
J. R. Simmons, exchange of horse,	60 00	
John Daley, medical attendance on horse	25 00	
H. A. Winship, harness . .	31 00	
Brookline Telephone Exchange .	72 00	
William Read & Sons, cuffs, billies, &c.	11 75	
George E. Depp, police-clubs .	3 00	
A. W. Mitchell, badges . .	2 70	
C. W. Larned, disinfectant . .	8 00	
Amounts carried forward . .	$12,183 39	$337,315 12

Amounts brought forward . .	$12,183 39	$337,315 12
Paid Jamaica Pond Ice Company . .	6 00	
B. F. Baker, painter . . .	119 75	
Brooks & Walbridge Brothers .	21 06	
Warren G. Currier, apothecary .	13 05	
A. B. Tyrrell, upholsterer . .	8 90	
Cousens Brothers, coal . . .	97 75	
M. J. McCarren, charcoal . .	4 50	
R. McIntosh, putting in coal . .	9 20	
Stone & Goodspeed, horse-hire .	18 00	
M. Goodspeed	13 00	
J. L. Fairbanks & Co. . . .	26 58	
Kenrick Brothers	32 08	
J. M. Seamans & Co., grocers .	23 18	
R. Woodward, iron-work . .	74 13	
M. W. Quinlan, repairs . .	22 56	
Charles Chase, express . . .	90	
B. W. Neal, carpenter . . .	20 90	
		12,694 93

For use of water for police-station, as per vote of town, $28.50.

MOVING PUMPING-STATION TO COW ISLAND.

Appropriation . . .	$35,000 00	
Paid Shedd & Sawyer, civil engineers .	$1,825 00	
J. M. Russell, mason . . .	5,700 00	
Fiske & Coleman, pipe . . .	55 92	
R. D. Wood & Co., pipe . .	4,133 50	
George Curtis, lumber . . .	1,142 82	
Manchester & Hudson, cement .	378 00	
John S. Lyons, granite . . .	205 00	
Fales & Jenks, wall-gate, &c. .	174 71	
Sewall, Day, & Co., manila, jute, packing, &c.	32 47	
Charles Williams, jun., galvanized wire	24 91	
Amounts carried forward . .	$13,672 33	$350,010 05

Amounts brought forward . .	$13,672 33	$350,010 05
Paid G. W. Twitchell & Co., castings, belting, &c.	54 70	
Fuller Iron-Works . . .	102 19	
Walworth Manufacturing Company,	51 10	
Thomas Cunningham & Sons . .	164 26	
S. E. Chubbuck & Sons, machinists,	42 14	
Holmes & Blanchard, machinists .	7 20	
Kendall & Roberts, machinists .	26 17	
B. F. Sturtevant, machinist . .	11 11	
Brookline Gas-Light Company .	3 75	
M. R. Warren, stationery . .	5 50	
E. M. Pratt, stationery . . .	3 10	
John Lowell	22 50	
Brookline Water-Works . .	66 61	
Treasurer Boston and Providence Railroad Company, freight . .	606 40	
Welch & McLaughlin . . .	607 50	
Boston Belting Company . .	5 25	
Dodge, Gilbert, & Co., hardware .	55 67	
M. C. Warren & Co., hardware .	10 12	
Charles D. Austin, hardware . .	37 20	
William H. Olmstead, repairs .	16 50	
Thomas Nagle, carpenter . .	48 33	
O. B. Delano, carpenter . .	119 14	
B. F. Baker, painter . . .	3 83	
Coolidge & Brother, grocers . .	4 00	
S. Beal, carpenter	19 18	
Thomas T. Robinson . . .	10 99	
Boston Lead Company . . .	287 47	
Howard Snelling & Co., coal .	278 75	
M. Goodspeed, carriage-hire . .	54 50	
J. A. & W. Bird, oils . . .	36 61	
Charles Chase	3 50	
John J. Kane, iron-work . .	14 34	
Andrew McKenna, iron-work .	11 12	
P. Lucas, iron-work . . .	1 50	
Amounts carried forward . .	$16,464 56	$350,010 05

Amounts brought forward . .	$16,464 56	$350,010 05
Paid R. Woodward, iron-work . .	6 02	
Kenrick Brothers, plumbing . .	27 32	
James Rooney, boots . . .	25 35	
Oliver Whyte, cash paid for sundries,	8 71	
F. F. Forbes, car-fares, &c. . .	16 40	
Felix Johnson	593 93	
J. Hayes	11 00	
James Driscoll	320 76	
Felix Johnson, jun. . . .	40 15	
N. M. Morrison	100 82	
employees' pay-roll . . .	34 44	
laborers, as per pay-roll . .	6,604 07	
		24,253 53

COMMITTEE ON WATER-SUPPLY, EXPENSES OF.

Appropriation . . .	$1,000 00	
Paid Shedd & Sawyer, civil engineers .	$874 25	
M. A. Lothrop, contractor for artesian wells	67 00	
"Brookline Chronicle" . .	24 75	
William A. Norton, sounding for water-works	12 00	
Stone & Goodspeed, carriage-hire .	4 00	
Joseph Cronin, labor . . .	9 00	
Michael Cleary, labor . . .	9 00	
		1,000 00

COMMITTEE ON WATER-SUPPLY, ENGINEERING SERVICES.

Appropriation . . .	$500 00	
Paid George S. Green		500 00
Amount carried forward		$375,763 58

Amount brought forward		$375,763 58

EXTENSION OF WATER-WORKS.

APPROPRIATION	$5,100 00	
Paid Thomas Cunningham & Sons, manufacturing steam-boilers, &c. .	$455 68	
Dalton & Ingersoll, engine-builders,	21 70	
Pattee & Perkins, manufacturing of fire-hydrants	45 00	
Boston Machine Company . .	160 49	
Boston Belting Company . .	6 50	
Whiting Iron Foundery Company .	81 21	
Davis & Farnum Manufacturing Co.	84 61	
Walworth Manufacturing Company .	700 00	
T. W. Hoxie & Co., brick and cement	19 10	
Kendall & Roberts . . .	848 00	
Samuel May & Co., hardware .	72 75	
Dodge, Gilbert, & Co., hardware .	1 00	
Charles D. Austin, hardware . .	7 24	
Boston Lead Company, pipe . .	59 44	
R. D. Wood & Co., castings . .	595 28	
Brookline Gas-Light Company .	3 00	
Thomas Nagle, iron-work . .	51 67	
R. Woodward, iron-work . .	13 60	
Schooner "Jessie W. Star," freight,	50 87	
Boston Lowell Railroad Company, wharfage	10 18	
Charles Chase, express	13 60	
Stone & Goodspeed, carriage-hire .	112 50	
M. Goodspeed, carriage-hire . .	48 00	
F. F. Forbes, car-fares, &c. . .	1 17	
Kenrick Brothers, plumbing . .	14 31	
O. B. Delano, carpenter . . .	36 91	
J. M. Seamans & Co., grocers .	3 50	
Thomas T. Robinson, grocer . .	2 00	
J. M. Russell, mason	452 00	
Amounts carried forward . .	$3,971 31	$375,763 58

Amounts brought forward . .	$3,971 31	$375,763 58	
Paid James Driscoll, labor . . .	123 13		
Atherton T. Brown, labor . .	31 85		
F. T. White, plans . . .	50		
employees' pay-roll . . .	985 62		
laborers, as per pay-roll . .	21 93		
		5,134 34	

MAINTENANCE OF WATER-WORKS.

APPROPRIATION . . . $7,000 00		
Paid C. D. Lincoln, clerk . . .	$600 00	
heirs of Enoch Joy, land damage .	4 00	
Shedd & Sawyer, engineering .	100 96	
"Brookline Chronicle," printing .	8 00	
F. A. Searle, printing . . .	3 00	
Rand, Avery, & Co., printing .	48 25	
Brookline Gas-Light Company .	1 50	
Charles W. Holtzer, telegraphic instruments	5 10	
Charles Williams, jun., telegraph supplies	51 20	
Seibert Cylinder Oil-Cup Company, indicator	3 25	
Jenkins Brothers, patent packing and valves	10 61	
National Meter Company . .	13 75	
D. Kennedy & Co., valve-gate .	14 00	
Boston Machine Company . .	44 48	
Walworth Manufacturing Company,	10 80	
Boston Belting Company . .	21 69	
Ashcroft Manfacturing Co., repairs,	16 00	
Bakers & Humphrey, cordage, naval stores, &c.	4 50	
Thomas Cunningham & Son . .	25 56	
Lathe & Morse Tool Company .	46 00	
McFarland & McIlvary, machinists,	23 81	
Amounts carried forward . .	$1,056 46	$380,897 92

Amounts brought forward . .	$1,056 46	$380,897 92
Paid Howard Snelling & Co., coal . .	1,305 11	
Crane, Waite, & Co.	73 50	
Jones, McDuffee, & Stratton . .	1 75	
Warren G. Currier, apothecary .	1 25	
R. A. Chace	2 85	
J. M. Russell, mason . . .	51 92	
E. W. Packard, grocer . . .	2 47	
J. M. Seamans & Co., grocers .	2 50	
G. A. Newhall & Co., grocers .	32 30	
Leonard & Ellis, oil . . .	31 25	
Alvah Walker & Co., oil . .	52 50	
James Boyd & Sons, repair of hose .	1 00	
Samuel May & Co., hardware .	2 00	
Henry R. Worthington, hardware .	115 65	
Charles D. Austin, hardware . .	8 76	
Charles Parker, express . .	8 00	
Charles Chase, express . . .	6 49	
Stone & Goodspeed, carriage-hire .	46 50	
M. Goodspeed, carriage-hire . .	68 50	
Henry C. Hunt & Co., hair felting,	10 78	
Kenrick Brothers, plumbing . .	6 58	
James Rooney, boots . . .	15 95	
C. E. Dearborn, lumber . .	2 15	
O. B. Delano, carpenter . .	53 70	
Trustees of Walnut Hills Cemetery, wood	57 50	
O. A. Tisdale, wood . . .	116 50	
F. F. Forbes, car-fares, &c. . .	48 37	
James Driscoll, labor . . .	7 00	
Michael Cleary, labor . . .	10 50	
Patrick Murphy, labor . . .	50	
employees' pay-roll . . .	3,275 39	
laborers, as per pay-roll . .	251 71	
	———	6,727 39
Amount carried forward		$387,625 31

Amount brought forward		$387,625 31

EXPENSES AGAINST WATER RECEIPTS.

Paid executions in mill-owners' cases .	$23,626 06	
Morse & Stone, attorneys for Mary W. Gardner, land damage . .	9,607 56	
Erasmus D. Miller, M.D., professional services, Gardner *v.* town,	100 00	
Lucy Kingsbury, land damage .	300 00	
Hannah D. Richards, land damage,	300 00	
Walter Rogers, testimony in trial of Hand *v.* town	9 00	
J. M. and J. W. Keith, attorneys for J. B. Hand	1,961 39	
Moses Williams, jun., attorney for Aaron D. Weld and Enoch Joy (before his election as Selectman),	1,955 83	
Charles H. Drew, legal services .	992 90	
Asa French, legal services . .	150 00	
Roland C. Lincoln, legal services .	73 00	
William Gaston, legal services .	350 00	
		39,425 74

LICENSE ACCOUNT.

Paid Commonwealth of Massachusetts one-fourth amount received from licenses . . .		550 00

CONTINGENCIES.

Appropriation . . .	$8,000 00		
Paid A. H. French, engineering services,		$206 69	
Aspinwall & Lincoln, engineering services		20 00	
Charles H. Drew, legal services .		60 00	
Charles F. Perkins, legal services .		99 82	
Amounts carried forward . .		$386 51	$427,601 05

	Amounts brought forward . .		$386 51	$427,601 05
Paid	Moses Williams, jun., legal services (prior to his election as Selectman)		250 00	
	Bufford's Publishing House, lithographing plans		63 00	
	Van Kleek, Clark, & Co., lithographing bonds		31 00	
	E. R. Hoar, legal services . .		100 00	
	"Brookline Chronicle," printing reports		1,167 57	
	Arthur & Spencer		31 75	
	"Journal" Newspaper Company, advertising		24 00	
	"Boston Daily Advertiser," advertising		11 00	
	T. R. Marvin & Son, printing .		29 50	
	F. A. Searle, printing . . .		67 85	
	Rand, Avery, & Co., printing .		160 00	
	Brookline Post-Office . . .		37 08	
	Brookline Gas-Light Company .		26 50	
	Mary A. Cowan, land damage .		52 34	
	Sarah Mealey, land damage . .		100 00	
	estate of Charles Stearns, right of drainage		5 00	
	Charles Stearns		12 00	
	E. Howard & Co., town clock .		350 00	
	Brookline Baptist Society, building a house for town clock . .		35 00	
	Warren G. Currier, apothecary .		72	
	T. Francis, M.D., medical attendance		50 00	
	D. B. Van Slyck, M.D., medical attendance		4 00	
	G. K. Sabine, M.D., medical attendance		256 75	
	city of Newton, taxes . . .		1 34	
	Amounts carried forward . .		$3,255 91	$427,601 05

Amounts brought forward . .	$3,255 91	$427,601 05
Paid city of Boston, taxes . . .	51 25	
H. F. Belcher, refreshments furnished at State election . .	25 00	
Cook, Redding, & Co., stained glass, as per agreement . .	250 00	
Greenough & Co., six copies of Brookline Directory . . .	7 50	
Lamprell & Marble, flag and repairs	28 13	
Jamaica Pond Ice Company . .	7 20	
C. D. Lincoln, cash paid for recording deed	1 00	
estate of F. W. Prescott, auditing eleven months	27 50	
M. Withington, making annual report, &c.	53 00	
Brooks & Walbridge Brothers, carpeting	22 00	
A. B. Tyrrell, upholstery . .	28 50	
William B. Chaplin, carriage-hire .	63 00	
Stone & Goodspeed, carriage-hire .	19 50	
M. Goodspeed, carriage-hire . .	11 50	
Charles T. Lanman, messenger for Selectmen	52 00	
M. R. Warren, stationery . .	67 36	
Miss E. M. Pratt, stationery . .	3 00	
J. L. Fairbanks & Co., stationery .	4 00	
Little, Brown, & Co., booksellers and publishers	8 50	
D. B. Brooks & Co., mucilage . .	1 50	
Caleb Kingman, pump . . .	39 60	
J. H. Burdakin, recording deeds, &c.	50 81	
C. W. Lyman & Co. . . .	270 37	
the police (special police) . .	31 50	
C. L. Palmer, services as watchman,	36 00	
Amounts carried forward . .	$4,412 63	$427,601 05

Amounts brought forward	$4,412 63	$427,601 05
Paid S. E. Chubbuck & Sons	2 50	
House of Angel Guardian	85 25	
B. F. Baker	378 17	
William K. Melcher	39 42	
B. W. Neal, carpenter	14 50	
O. B. Delano, carpenter	27 28	
John E. Blaisdell, carpenter	20 09	
Samuel Beal, carpenter	10 29	
Charles Chase, express	8 30	
Horace James, mason	69 87	
Charles D. Austin, hardware	30	
Kenrick Brothers, plumbers	1 58	
George F. Joyce & Co., grocers	4 50	
J. M. Seamans & Co., grocers	11 89	
J. D. Long, care of room for kindergarten	62 41	
W. Y. Gross	20	
William Bowes, labor	1 50	
Aaron R. Gay	21 00	
Patrick McCarthy, labor	2 00	
J. S. Woods, labor	3 25	
James Driscoll, labor	32 25	
E. C. Varney, labor	101 00	
A. S. Paige, sundries	9 95	
laborers, as per pay-roll	516 43	
		5,836 56
		$433,437 61
Total amount received		$457,701 24
Total amount expended		433,437 61
Cash balance on hand		$24,263 63

MOSES WITHINGTON, TREASURER, IN ACCOUNT WITH THE TRUSTEES OF WALNUT HILLS CEMETERY.

Dr.

To cash balance on hand February, 1879		$135 61
received Perpetual Care Fund		80 00
received of town of Brookline for wood		25 00
Water Commissioners for wood,		57 50
T. S. Pettengill, wood and grass,		45 00
Edward Osborn, use of receiving tomb		15 00
Henry Beckworth, lot		114 00
Miss Arabella S. Atherton, lot		117 00
Samuel M. Warren, lot		200 00
estate of John G. Stearns, lot		342 75
D. H. Rogers, lot		76 00
George W. Bird, lot		109 00
Harrison Bird, lot		214 00
R. G. F. Candage, lot		57 00
William J. Winch, lot		50 00
David F. Hall, lot		109 00
Emily M. Prescott, lot		91 73
Josiah Gooding, two brick graves		40 00
George Higginson, two brick graves		40 00
C. C. Moriarty, single grave		9 00
Lizzie McClary, single grave		9 00
James H. Boody, single grave		8 00
Henry Lee, single grave		5 00
Levi Doran, single grave		7 00
Matthew Burns, single grave		4 00
Mr. Blanchard, single grave		4 00
Charles C. Chaplin, single grave,		4 00
		$1,968 59

Cr.

By cash paid T. S. Pettengill for labor furnished	$1,448 41	
T. S. Pettengill, granite posts	35 00	
T. T. Robinson, powder	12 75	
M. R. Warren, stationery	10 00	
Joseph W. Grigg, grave-covers	65 58	
S. M. Cofran, brick	17 50	
R. Woodward	14 76	
O. B. Delano	57 88	
A. H. French, engineering,	9 10	
Charles Chase, express	5 00	
J. M. Seamans & Co.	8 42	
Trowbridge & Hill	6 50	
lent Perpetual Care Fund	85 75	
balance on hand	191 94	
		$1,968 59

PERPETUAL CARE FUND.

Dr.

To cash received of Henry Beckworth	$50 00
Emily M. Prescott	32 25
Arabella S. Atherton	50 00
estate of John G. Stearns	100 00
George W. Bird	50 00
Harrison Bird	100 00
R. G. F. Candage	100 00
David F. Hall	50 00
C. C. Moriarty	6 00
Lizzie McClary	6 00
Levi Doran	6 00
Matthew Burns	6 00
Mrs. Blanchard	6 00
William C. Chaplin	6 00
borrowed from general fund	85 75
	$654 00

Cr.

By cash paid borrowed of general fund .	$80 00	
Massachusetts Hospital Life Insurance Company .	500 00	
balance on hand . . .	74 00	
		$654 00

INCOME FROM PERPETUAL CARE FUND.

Dr.

To cash balance on hand	$123 61
received Massachusetts Hospital Life Insurance Company, interest	158 35
	$281 96

Cr.

By cash paid T. S. Pettengill, labor furnished	$84 25	
T. S. Pettengill, for manure,	32 00	
balance on hand . . .	165 71	
		$281 96

MOSES WITHINGTON, TREASURER, IN ACCOUNT WITH THE WARREN FUND FOR PLANTING TREES IN THE HIGHWAYS OF THE TOWN.

Dr.

To cash balance on hand	$45 33
received from sale of $900 U. S. 7-30 bonds,	911 81
interest on $900, 4 per cent . .	27 00
balance due Treasurer	7 89
	$992 03

Cr.

By cash paid $900 U. S. 4 per cent bonds,	$901 67	
laborers, as per pay-roll .	48 03	
B. W. Neal, labor and stock,	13 08	
Charles H. Stearns, trees .	29 25	
		$992 03

TOWN DEBT.

To Whom Payable.	Date.	When Due.	Amount.	Interest.
Commonwealth of Massachusetts	Dec. 9, 1869	Oct. 15, 1880	$16,000 00	6
" "	9, 1869	15, 1881	19,800 00	6
Salem Savings Bank	July 22, 1870	15, 1883	24,000 00	6
Nancy Stearns	Dec. 1, 1870	Dec. 1, 1882	1,000 00	6½
Commonwealth of Massachusetts	20, 1870	Oct. 15, 1882	28,000 00	6½
" "	20, 1870	15, 1884	30,000 00	6½
New England Mutual Life Insurance Co.	Jan. 24, 1872	Jan. 1, 1886	20,000 00	6½
" " "	24, 1872	1, 1886	30,000 00	6½
" " "	1, 1871	1, 1891	100,000 00	6
" " "	July 1, 1872	July 1, 1892	50,000 00	6
" " "	1, 1871	1, 1896	50,000 00	6
Z. C. Howland and A. B. Shedd, executors,	1, 1871	1, 1896	40,000 00	6
New England Mutual Life Insurance Co.	May 24, 1872	Jan. 1, 1885	35,000 00	6½
" " "	June 29, 1872	1, 1887	35,000 00	6½
" " "	May 26, 1873	May 26, 1883	14,800 00	6½
" " "	26, 1873	26, 1885	16,600 00	6½
" " "	July 16, 1873	July 16, 1884	49,000 00	6½
" " "	Aug. 18, 1873	Aug. 18, 1882	49,700 00	7
William A. Wellman, trustee	Dec. 8, 1873	Dec. 8, 1883	7,000 00	7
Franklin Savings Institution, Greenfield, Mass.	Jan. 30, 1874	Jan. 30, 1884	59,400 00	7
Commissioners of Sinking Fund	Aug. 7, 1874	7, 1889	15,000 00	6½
State Mutual Life Assurance Company, Worcester, Mass.	July 1, 1874	July 1, 1889	20,000 00	6½
Lynn Institution for Savings, Lynn	Aug. 18, 1874	Aug. 18, 1889	5,000 00	6½
Hingham Institution for Savings	15, 1874	15, 1894	20,000 00	6½
" " "	18, 1874	18, 1894	10,000 00	6½
Commissioners of Sinking Fund	19, 1874	19, 1889	4,200 00	6½
Dedham Institution for Savings	21, 1874	21, 1886	9,850 00	6½
Brookline water scrip	Jan. 1, 1874	Jan. 1, 1898	400,000 00	7
" "	1, 1875	1, 1895	75,000 00	6
" "	May 1, 1876	1, 1898	25,000 00	5
" "	Jan. 1, 1880	1, 1900	42,000 00	5
Brookline sewer bonds	April 2, 1877	April 1, 1897	125,000 00	5
Commonwealth of Massachusetts	July 10, 1879	Oct. 10, 1880	20,000 00	4
" "	Dec. 3, 1879	Dec. 3, 1880	5,000 00	4½
			$1,451,350 00	

NOTES RECEIVABLE.

From Whom Received.	Date.	When Due.	Amount.	Interest.
Timothy Lennon, trustee	Sept. 1, 1874	Sept. 1, 1879	$1,511 50	6

RECAPITULATION.

APPROPRIATIONS.	1879. Amount Appropriated or Received.	1879. Amount Expended.
Schools	$36,176 06	$36,012 00
Evening school	200 00	206 64
School ventilation	2,000 00	2,000 00
School-buildings, improvement of	1,100 00	1,100 00
New schoolhouse on Sewall Street	5,000 00	4,777 26
Support of poor	6,530 75	7,414 41
Support of highways	16,000 00	15,973 82
Making Brook Street, short streets, and sewer,	41,775 50	31,748 62
Sidewalks	4,000 00	3,965 23
Removing snow from sidewalks	2,500 00	2,334 88
Lighting streets, including 2 new lamps on Chestnut Street	12,200 00	11,109 96
Watering streets	4,000 00	4,004 07
Fire Department	7,000 00	6,992 57
New hose-carriage	600 00	570 00
New hose, 1,000 feet	1,000 00	1,000 00
4 hydrants on Boylston Street	350 00	231 21
Sinking Fund	58,600 00	58,600 00
Payment on note becoming due in July	5,000 00	5,000 00
Interest on town debt	93,250 00	93,121 05
State tax	7,905 00	7,905 00
County tax	20,755 38	20,755 38
Decoration Day	300 00	300 00
Ringing bell	175 00	162 00
Library	4,000 00	4,000 00
Librarian's salary	1,200 00	1,200 00
Superintendent of Streets	1,200 00	1,200 00
Assessors, including clerical aid, preparing Tax List for publication, and correcting Corporation Tax List at State House	2,000 00	2,000 00
Auditors	150 00	30 00
Clerk of Walnut Hills Cemetery	150 00	150 00
Town Clerk	500 00	500 00
Clerk of Selectmen and Overseers of Poor	500 00	500 00
Treasurer and Collector	2,000 00	2,000 00
Preparing Tax List for publication	250 00	250 00
State aid	800 00	762 50
Selectmen	2,000 00	1,900 00
Overseers of the Poor	1,000 00	964 25
Cemetery on Walnut Street	200 00	157 50
Raising St. Paul Street to grade	400 00	399 98
Care of sewers	2,500 00	1,005 88
Plans for construction of sewer system for the town	1,500 00	
Disabled soldiers and families of deceased soldiers	500 00	160 00
Health Department	1,000 00	991 25
Repair of town buildings	1,800 00	1,800 00
Care of Town Hall, including janitor, &c.	2,000 00	2,017 48
Police	13,000 00	12,694 93
Committee on Water-Supply, expenses of	1,000 00	1,000 00

RECAPITULATION — *Concluded.*

APPROPRIATIONS.	1879. Amount Appropriated or Received.	1879. Amount Expended.
Committee on Water-Supply, engineering services	$500 00	$500 00
Moving pumping-station to Cow Island	35,000 00	24,253 53
Extension water-works	5,100 00	5,134 34
Maintenance water-works	7,000 00	6,727 39
Contingencies	8,000 00	5,836 56
License account	2,200 00	550 00
Water rates	14,405 36	39,425 74
Sewer assessment	18,528 50	42 18
Total amount expended		$433,437 61
Abatement of taxes	$2,500 00	1,395 18

Respectfully submitted.

MOSES WITHINGTON, *Treasurer.*

BROOKLINE, Feb. 28, 1880.

The foregoing accounts, from February, 1879, to February 14, 1880, pages 154 and 241, inclusive, have been examined by us, and found correctly cast, and with proper vouchers and orders.

ALBERT L. LINCOLN, JR.,
HORACE D. CHAPIN,
WILLIAM D. COOLIDGE,
} *Auditors.*

REPORT

OF THE

SELECTMEN, SURVEYORS OF HIGHWAYS, AND BOARD OF HEALTH,

FOR

THE YEAR ENDING FEBRUARY 1, 1880.

REPORT.

The undersigned elected Selectmen, Overseers of Highways, and Board of Health, at the annual March meeting of 1879, met at the Selectmen's room, in the Town Hall, on March 26, 1879, and organized by the choice of Moses Williams, jun., as Chairman, and Charles D. Lincoln as Clerk.

The following committees were appointed: —

On Accounts, Mr. Lawrence.
On Fire Department, Messrs. Lawrence and James.
On Public Buildings, Messrs. James and Candage.
On Public Grounds, Messrs. Williams and Candage.
On Police, Messrs. Lawrence and Whyte.
On Poor, Messrs. Williams and Whyte.
On Sewers, Messrs. James and Lawrence.
On Street-Lamps, Messrs. Whyte and Candage.
On Town Stable, Messrs. Candage and James.
On Town Hall, Mr. Whyte.

The highway districts were assigned as follows: —

District No. 1, assigned to Mr. Lawrence.

Beacon Street from Boston line to Pleasant Street, Pleasant Street, Longwood Avenue, Kent, Colchester, Carlton, Ivy, Essex, Mountfort, Prescott, St. Paul (north of Longwood Avenue), Monmouth, St. Mary's, and Green Streets, and Monmouth Court.

District No. 2, assigned to Mr. Whyte.

Beacon Street from Pleasant to Washington Street, Harvard, Winchester, Park, Marion, Vernon, Alton, St. Paul

(south of Longwood Avenue), Francis, Toxteth, Perry, Holden, Prospect, School, and Pierce Streets, and Summit, Harvard, and Aspinwall Avenues.

District No. 3, assigned to Mr. James.

Washington Street from Boylston Street to Brighton line, Beacon Street from Washington Street to Brighton line, Cypress Street from Boylston Street to Washington Street, Boylston Street from Cypress Street to Newton line, Tappan and Brighton Streets, and Davis, Gorham, Fisher, and Englewood Avenues.

District No. 4, assigned to Mr. Candage.

Boylston Street from Cypress Street to Washington Street, Walnut Street from Cypress Street to Washington Street, Washington Street from Boylston Street to Boston line, High, Irving, Pearl, Emerald, Flora, and Juniper Streets, and Brookline, Pond, Morss, and Walter Avenues.

District No. 5, assigned to Mr. Williams.

Walnut Street from Cypress Street to Boylston Street, Cypress Street from Boylston Street to Chestnut Street, Sewall, Chestnut, Warren, Dudley, Heath, Pond, Hammond, Grove, South, Newton, Clyde, Cottage, and Avon Streets, and Goddard Avenue.

March 31, 1879. Appointed Michael Driscoll superintendent of streets, and Willard Y. Gross janitor of the Town Hall. Appointed George K. Sabine, M.D., special agent of the Board of Health, and inspector of milk. Thomas S. Pettengill was appointed undertaker for one year from April 1, 1879.

April 7, 1879. Renewed contract for removal of house offal at $200 per annum.

April 14, 1879. Appointed Alonzo Bowman chief of police, George F. Dearborn sergeant of police, and eleven patrolmen.

April 21, 1879. Voted to grant licenses for sale of liquor under Act of 1875, and to fix the fees of licenses at the same rates as last year.

CLAIMS AGAINST THE TOWN.

The case of James B. Hand *v.* the Town of Brookline, in which a verdict for the plaintiff of $3,125 was rendered against the town at October term, 1877, of Norfolk Superior Court, and which was carried by the town to the Supreme Judicial Court for the decision of questions of law, was decided against the town by the higher court.

The verdict having been, however, set aside by the Superior Court as excessive, a new trial was had upon the question of damages only at April term, 1879, of Norfolk Superior Court, in which a verdict of $1,812.50 was rendered for the plaintiff. The case has been settled upon this verdict, and the money paid.

Charles H. Drew, Esq., gives the following account of certain suits of which he has had charge for the town: —

The Ætna Mills *v.* the Town of Brookline.

This case, which was one of thirteen suits brought by mill-owners on Charles River for damages arising from the taking of the town of the water of the river, was argued before the Supreme Court in March, 1879, by the Hon. William Gaston and myself for the town. In July last the Supreme Court sent down a rescript overruling the exceptions of the town to the ruling of the Superior Court that the petitioners were entitled to recover damages. The other suits of the mill-owners on Charles River were, of course, governed by the decision in this case, and judgment was entered in the Superior Court for the amounts assessed by the commissioners appointed in 1877 for the purpose of ascertaining the damage caused by the taking of water from the river.

Mary W. Gardner *v.* the Town of Brookline.

This case brought to recover damages for the taking of twenty-four acres of land on Cow Island by the town was argued in March last before the Supreme Court by myself, on behalf of the town, on the exceptions of Mrs. Gardner to certain rulings of the Superior Court. In October last the Supreme Court sent down a rescript overruling the exceptions of Mrs. Gardner, and judgment has since been entered upon the verdict of the jury in the Superior Court.

The Merchants' Woollen Company and Others *v.* the Town of Brookline.

These suits (nine in number) were brought by mill-owners on Neponset River for damages alleged to have been caused by water taken by the town from Charles River. No action has been taken in these cases for the past year.

Enoch Joy *v.* the Town of Brookline.

In this case the award of the commissioners has been accepted, and the suit has been settled.

Aaron D. Weld *v.* the Town of Brookline.

Mr. Weld has accepted the award of the commissioners in the two cases brought by him, and the suits have been settled.

We are happy to announce, that, with the exception of the suits of the owners of mills on Neponset River, which are practically one, there is now no suit pending against the town, nor is there any pending in which the town is plaintiff.

The Neponset-river suits have been in court for more than a year without action by the petitioners, and it is believed by us that they will not bring the same to trial, and that, if they do, the town has a good defence thereto.

We may add, that, with the exception of some claims for

support of paupers, which we make against the city of Boston, and may have to enforce by suit, and with the further exception of the claims of the contractors for construction of Brook Street and Brook-street sewer, and a few trivial claims against the town, which may possibly result in litigation, we know of no causes of action existing which are likely to cause the expense of legal proceedings at present.

The judgments in the Gardner case and the Charles-river mill-owners' cases, and those of Weld and Joy, have been paid.

SEWALL-STREET SCHOOLHOUSE.

At a special town meeting held June 11, 1879, it was —

"*Voted*, That the sum of five thousand dollars be appropriated for the erection of a schoolhouse upon the town land on Sewall Street, and grading the lot therefor.

"*Voted*, That the Selectmen be empowered to carry out the preceding vote, and to make all necessary contracts therefor."

Under the above vote the Selectmen proceeded to act, and solicited plans from Messrs. Peabody & Stearns, architects, which, upon conference with the School Committee, were accepted by the Board.

Contracts were made with Mr. J. M. Russell for the foundation; with Samuel Beal for the erection and completion of the building; and the grading of the lot, and the covering of the brook flowing through it, were done under the Superintendent of the Streets.

It is gratifying to the Board to report to the town that the building which has been erected is a handsome and pleasant house of two stories, with two sunny schoolrooms, at a cost of $222.74 below the appropriation.

Appropriation		$5,000 00
Expended on building	$3,823 67	
Expended on grading and brook	953 59	
		4,777 26
Balance unexpended in treasury		$222 74

FINANCES.

During the past year 1,353 orders have been drawn against the several appropriations as follows: —

Object of Appropriation.	Amount of each Appropriation.	Expended.	Balance unexpended.
Assessors	$2,000 00	$2,000 00	
Auditors	150 00	30 00	$120 00
Brook Street, sewer, and short streets	41,775 50	31,748 62	10,026 88
Cemetery, Walnut Street	200 00	157 50	42 50
Clerk of Selectmen and Overseers of Poor,	500 00	500 00	
Clerk of Trustees Walnut Hills Cemetery,	150 00	150 00	
Committee on Water-Supply, expenses of,	1,000 00	1,000 00	
Committee on Water-Supply, engineering advice	500 00	500 00	
Contingencies	8,000 00	5,836 57	2,163 43
Decoration Day	300 00	300 00	
Fire Department, &c.	7,000 00	6,992 57	7 43
Hose-carriage, new	600 00	570 00	30 00
Hose, new	1,000 00	1,000 00	
Hydrants on Boylston Street	350 00	231 21	118 79
Health Department	1,000 00	991 25	8 75
Highways	16,000 00	15,973 82	20 18
Highways, removing snow from sidewalks,	2,500 00	2,334 88	165 12
Interest on town debt	93,250 00	93,121 05	128 95
Library	4,000 00	4,000 00	
Librarian's salary	1,200 00	1,200 00	
Lighting streets	12,200 00	11,109 96	1,090 04
New schoolhouse, Sewall Street	5,000 00	4,777 26	222 74
Overseers of the Poor	1,000 00	964 25	35 75
Poor, support of	6,530 75	7,358 41	
Police	13,000 00	12,694 93	305 07
Repairs of town buildings	1,800 00	1,800 00	
Ringing bell	175 00	162 00	13 00
Raising St. Paul Street to grade	400 00	399 98	02
School-buildings, improvement of	1,100 00	1,100 00	
School-buildings, ventilation of	2,000 00	2,000 00	
Selectmen	2,000 00	1,900 00	100 00
Sewers, care of	2,500 00	1,005 88	1,494 12
Sidewalks, &c.	4,000 00	3,965 18	34 82
Sinking Fund	58,600 00	58,600 00	
Payment of note due in July	5,000 00	5,000 00	
Soldiers, disabled, &c.	500 00	160 00	340 00
State aid	800 00	762 50	37 50
Superintendent of Streets	1,200 00	1,200 00	
Tax, county	20,755 38	20,755 38	
Tax, State	7,905 00	7,905 00	
Town Clerk	500 00	500 00	
Town Hall, lighting, care of, and janitor	2,000 00	2,013 87	
Tax List, preparing for publication	250 00	250 00	
Treasurer and Collector	2,000 00	2,000 00	
Watering streets	4,000 00	4,004 07	
Water-works, moving pumping-station, &c.	35,000 00	24,253 53	10,746 57

The permanent debt of the town stands as follows: —

The gross amount Feb. 1, 1879, was . .	$1,444,350 00
We have paid off during the year . . .	60,000 00
	$1,384,350 00
We have borrowed for water during the year .	42,000 00
Leaving the gross amount Feb. 1, 1880 . .	$1,426,350 00
Deducting from this the Sinking Fund, worth at current rates about	147,000 00
Leaves the net permanent debt of town Feb. 1, 1880	$1,279,350 00
The net permanent debt of town Feb. 1, 1879, was	1,303,350 00
Decrease of net permanent debt during year .	$24,000 00

We have also borrowed during the year $20,000 toward the construction of Brook Street and Brook-street sewer, and $5,000 for the new schoolhouse in Sewall Street; but as these loans were made in anticipation of the taxes of 1880, and are to be paid by the assessment of 1880, they are not a part of the permanent debt of the town.

We have, however, during the year, paid a judgment of the Charles-river mill-owners against the town of $23,626.06, and also a judgment in favor of Mary W. Gardner against the town of $9,607.56, both judgments arising from the building of the water-works; and it will be necessary for the town at its annual meeting to issue Brookline water scrip for the amount of these judgments, after deducting cash on hand applicable to their satisfaction, probably about $27,000.

During the next year there will mature of the permanent debt —

Oct. 15, 1880 $16,000 at 6 per cent.

BOARD OF HEALTH.

George K. Sabine, M.D., Special Agent of the Board, makes the following report: —

Abatement of Nuisances.

Since the last report the Board has procured the abatement of twenty-three nuisances, and one case is still pending. There have been no prosecutions.

Removal of House Offal.

The contract which has been made by the different Boards of the last four years with Francis Mealey, for the removal of house offal at the rate of $200 (two hundred dollars) per year, was renewed. Said contract to expire May 1, 1880.

Licenses.

No more licenses have been granted for the collection of grease; but fifteen have been renewed. One undertaker's license has been renewed.

Number of Deaths within the Town.

The number of deaths within the town limits is ninety-six. Of this number, five were from diphtheria, two from scarlet fever, six from typhoid fever, and four from whooping-cough, or from pneumonia following and owing to it.

Contagious Diseases.

There have been reported, during the year ending Dec. 31, 1879, sixteen cases of scarlet fever, and twelve of diphtheria, occurring as follows: —

	SCARLET FEVER.	DIPHTHERIA.
January	3	2
February	2	3
March	0	0

	SCARLET FEVER.	DIPHTHERIA.
April	1	0
May	0	0
June	0	1
July	1	2
August	2	0
September	1	3
October	1	1
November	1	0
December	4	0
	16	12

The cases of diphtheria occurred in the following localities: —

Corner Juniper Street and Morss Avenue	2
Harvard Avenue	1
Emerald Street	1
Davis Avenue	1
High Street, near Chestnut	2
St. Mary's Street	1
Colchester, corner of Kent Street	1
Washington, opposite School Street	1
Boylston Street, opposite Kerrigan Place	2

During the year 1877 there were reported forty-six cases of scarlet fever, and twenty-nine of diphtheria; and, during 1878, fifteen of the former and nineteen of the latter, thus showing a steady decrease in the number of cases of diphtheria.

Typhoid Fever.

During the months of August, September, and October, there was an unusual amount of typhoid fever; upwards of forty cases occurring, and six terminating fatally. A detailed account of the epidemic will be found in the forthcoming report of the State Board of Health.

House-Drainage, Whooping-Cough, Etc.

The attention of the inhabitants is again earnestly called to the very imperfect house-drainage which exists in many cases, especially in tenement-houses. Frequently there are absolutely no traps in the drains, the dwellings thus serving as reservoirs for the foul gases arising from the decomposing sewage-matter in the cesspools or sewers.

All soil-pipes should also be ventilated; for, where they are not, sewer-gas *may* enter a dwelling, as no trap is *absolutely* perfect.

Attention is also again called to the custom of top-dressing, although not practised so extensively as formerly. In many instances the odor arising from the dressing is extremely offensive to whole neighborhoods, if not actually causing illness at times.

It will be seen that the number of deaths caused by whooping-cough is very large. The custom of allowing infected children to attend the schools, and to mingle with healthy children, cannot be too severely condemned.

Within a short time the State Board of Health has called the attention of the inhabitants, through the several local Boards, to the importance of thorough vaccination, as small-pox is now prevailing to a limited extent in certain portions of the State.

The following is a list of those now selling milk in Brookline: —

James Shillady	Juniper Street.
Michael O'Rourke	Juniper Street.
Jeremiah Donovan	Pearl Street.
Bridget Malony	Pearl Street.
Mrs. George Stett	White Place.
Robert Stanfield	White Place.
George Stearns	Boylston Street.
Levi Hastings	Clyde Street.
J. & R. English	Jamaica Plain.
Edwin Reed	Clyde Street.

George E. Everett	Warren Street.
Rufus Allen	Dudley Street.
Eben Reed	Reservoir Lane.
Andrew White	Sewall Street.
David Morrill	Harvard Street.
J. O'Kane	Highlandville, Mass.
J. W. Stearns	Waltham, Mass.
G. W. Bonnell	Waltham, Mass.
N. W. Wright	Waltham, Mass.
F. G. Cass	Cambridgeport, Mass.

No complaint has been made during the year of the milk furnished; and, whenever it has been examined, it has been found of good quality.

MUDDY BROOK.

This Board has, as during the two previous years, in connection with the Boston Board of Health, employed J. W. Steere to tend the tide-gate on Brookline Avenue, from the beginning of May till the 1st of October, at the rate of $20 per month, the expense being defrayed in part by each Board.

This measure is found necessary in order to keep the bed of the river covered as much of the time as possible.

LICENSES TO SELL LIQUOR.

We fixed the fees for licenses as follows: —

First class (innholders)	$300 00
First class (common victuallers)	150 00
Second class	100 00
Third class	100 00
Fourth class	50 00
Fifth class	50 00

We granted licenses as follows: —

First class (innholders): Jacob Morloch, Simon P. Humphrey, Augustus W. Elwell.

First class (common victuallers): P. H. Cusick, Patrick

M. Kelleher, Thomas J. Cusick, James H. Curley, Thomas McCullough, Patrick Fay.

Third class: Margaret Crosby.

Fourth class (druggist): Warren G. Currier.

Fourth class (grocers): William D. Coolidge, Francis H. Bacon, Solomon Burt.

Fifth class: Margaret Roach, Mrs. James Hayes.

The licenses of Roach and Hayes have been revoked for violations of the conditions of the same.

Margaret Crosby's children were notified, Dec. 29, that, by the death of their mother, the license granted her was vacated.

FIRE DEPARTMENT.

To the Selectmen of the Town of Brookline.

We have to report the same number of companies as last year that are paid by the town, there being one located in Longwood without pay. Having on hand the old hose-carriage which was replaced by the new one, and it appearing to the Board of Engineers that something of this kind was necessary, — there being so large an amount of property entirely unprotected in case of fire in that district, — the company was organized, and the carriage was placed in the club stable by the permission of Mr. F. W. Lawrence. The companies are as follows: Hose Company No. 1, located in brick house, corner of High and Washington Streets, has eleven men. Hose Company No. 2, located in brick house on Washington Street, opposite the Town Hall, has eleven men. Hook and Ladder Company No. 1, located in the house with Hose Company No. 2, has thirteen men. Steam fire-engine No. 1, located in house with Hose Company No. 1, has call-engineer and fireman, and is run in connection with Hose Company No. 1. Hose Company No. 3, located in Longwood Club Stable, has fifteen men without pay; but the Board of Engineers would recommend that the town appropriate the sum of $400 in addition to the regular

appropriation, so that these men can be paid, and made a permanent addition to the Department.

Apparatus.

The apparatus of the town is in a first-class condition, except the steam fire-engine, which needs some slight repairs.

Horses.

We have to report the same number of horses as last year; four of the six being used the same as last year, from the middle of April to the first of December, watering streets. The other two, being in separate houses, were used at different times as relief horses, there being no chance to water the streets.

Permanent Men.

The permanent men are the same as last year, with the addition of one man; it being in consequence of the Fire Department having the entire charge of the two districts in which they watered the streets.

Hose.

We report the same number of feet of hose as last year, with the addition of a thousand feet of new Boyd's riveted hose. But should the town appropriate the sum recommended for the Longwood Company, thereby establishing a regular fire company under the charge of the Engineers, there should be another purchase of a thousand feet of hose, so that we could give the Longwood Company a shift of hose, without interfering with the rest of the companies; and we would recommend that $1,000 be appropriated for the purchase of hose this year.

Buildings.

The buildings under the charge of the Engineers are at the present time in good repair, there having been considerable done the present year.

Hydrants and Reservoirs.

We report the same number as last year, with the addition of four new hydrants on Boylston Street, one on the Western Avenue, and one on the hill opposite Mr. E. Atkinson's; making in all the sum of a hundred and sixty hydrants and nine reservoirs. Last year there was appropriated the sum of $350 for four hydrants on Boylston Street, of which only $231.21 was expended. The Board would recommend that the balance ($118.79) be re-appropriated for the purpose of establishing hydrants in different sections of the town, where, in the judgment of the Board of Engineers, they may be needed.

Fires.

The town, the same as last year, has been very fortunate with regard to fires; but there have been cases, the past year, where, if it had not been for the promptness on the part of the Department, the town would have met with some serious losses.

Appropriations.

Taking into consideration the interests of the town, the Engineers would recommend the following appropriations: —

For the current expenses of the Fire Department, watering the same two districts as last year, and the care of police horses, the sum of . . .	$7,000 00
Pay for the Longwood Hose Company . . .	400 00
A thousand feet of new hose	1,000 00
Re-appropriation for hydrants	118 79

Conclusion.

We would at this time take the opportunity to state to the inhabitants of the town, that the two engine-houses are connected by the means of the telephone with the central office in Brookline, thereby giving the inhabitants using the telephone system better and quicker communication with

the Fire Department in case of fire. Also we wish to extend our thanks to the Committee on Fire Department for their help the past year; also the Chief of Police, and the men under his charge, for their promptness in giving us alarms of fire when discovered in the night, and maintaining order at fires; also to the officers and men under our charge, for their promptness in responding to alarms of fire, and their conduct while on duty, our thanks are due.

(Signed)

G. H. JOHNSON,
ANDREW NOLAND,
A. E. KENRICK,
} *Board of Engineers.*

HIGHWAYS.

The report of Mr. Michael Driscoll, Superintendent of Streets, is appended.

OFFICE OF THE SUPERINTENDENT OF STREETS,
TOWN HALL, BROOKLINE, Feb. 10, 1880.

To the Board of Selectmen.

GENTLEMEN, — The undersigned respectfully submits the following report of the work done and the expense incurred in the Highway Department for the year ending Feb. 1, 1880: —

The amount appropriated at the annual meeting for the support of highways was $16,000. The amount expended was $15,973.82. The details of expenditure were as follows: —

Alton Street: gravelled	$39 52
Aspinwall Avenue: bridge replanked and fence rebuilt,	212 10
Beacon Street: new catch-basin and drain at corner of Washington Street; repairing culvert and reservoir at Mr. Robinson's; paved gutter and macadamized parts; sundry other repairs	799 97
Boylston Street: repaired fences, and underdrained; paved gutter; picked over, reshaped, and gravelled on Bradley Hill; gravelled from Brighton Street to Pound Lane; other repairs	757 17
Amount carried forward	$1,808 76

Amount brought forward	$1,808 76
Brighton Street: edgestones reset, gutters repaved, and sidewalk gravelled at northerly end; general repairs,	337 39
Brookline Avenue: repaired	20 25
Chestnut Street: gutter and driveway paved; new catch-basin and drain built through land of Mrs. John Mealy to connect with brook in stable-yard; * repaired	243 00
Cleaning streets, sidewalks, and gutters . . .	2,101 08
Cleaning street-crossings	178 12
Clyde Street: repaired	11 50
Cottage Street: repaired, and gutters repaved; macadamized from Goddard Avenue to town line . .	276 77
Crossings: labor and materials on new crossings; sundry repairs on old crossings	519 78
Cutting grass on sundry streets	52 51
Cypress Street: widened, on land of M. Jones, from Boylston Street to railroad-crossing, and fence built; gravelled from Boylston Street to Walnut Street; picked over, reshaped, and gravelled from Cypress Place to railroad-crossing	421 52
Davis Avenue: sidewalk gravelled; concrete driveway relaid; repaired	43 06
Dudley Street: macadamized in part	83 27
Engineering	14 49
Englewood Avenue: gravelled	64 48
Essex Street: fence repaired, &c.	15 97
Fisher Avenue: under-drain repaired . . .	8 25
Francis Street: gravelled from Toxteth Street to Kent Street	49 50
Goddard Avenue: fences and street repaired; driveway paved with granite blocks	97 09
Grove Street: repaired	33 50
Amount carried forward	$6,380 29

* For the right to lay and maintain this drain until such time as a sewer shall be built in Chestnut Street, the Selectmen have paid $100.

Amount brought forward	$6,380 29
Hammond Street: stones blasted out; sides built up, and street gravelled from Heath Street nearly to Newton Street; gravelled from Mrs. Denny's avenue southerly to town line	425 35
Harvard Street: gutters repaved, and sundry repairs; street lowered opposite Second Street . . .	240 80
Heath Street: gravelled and repaired; stone blasted out, and widened opposite Holyhood Cemetery .	197 07
High Street: culvert cleaned out and repaired . .	10 50
Horses and stable: care and maintenance, including hostler's wages, repairs of carts, harnesses, &c.; board of Superintendent's horse, &c.	2,250 88
Iron grates for catch-basins	43 10
Ivy Street: repaired	7 38
Longwood Avenue: driveways and gutter-boxes repaired	15 02
Marion Street: overflow from catch-basins repaired .	17 37
Miscellaneous work, not included in other streets .	525 79
Newton Street: fence built; macadamized in part; gravelled and repaired; loam removed from gravel-bank and used in widening street	655 07
Painting and repairing tree-guards	51 70
Perry Street: repaired	9 25
Picking off loose stones	92 64
Pleasant Street: mud scraped off, and driveway paved,	13 75
Pond Avenue: macadamized at westerly end; repaired, and fence rebuilt	328 31
Prescott Street: repaired	7 29
Pruning trees	84 71
Preparing material, crushing stone, &c., and other work not charged to separate streets, in —	
Fairmount pit	480 02
Brighton pit	718 67
Repairing sundry streets, not elsewhere included .	390 46
Repaving sundry gutters, not included in other streets,	100 19
Rockwood Street: gravelled	39 32
Amount carried forward	$13,084 93

Amount brought forward	$13,084 93
Sign-boards and posts, and erecting	106 42
South Street: repaired	69 74
Stable-lot: walling in and covering brook, and grading,	127 43
Stone-crusher: moving and setting up in Brighton pit; building platform, well, and pump-house; new castings; repairs, &c.	242 33
St. Paul Street: gutters repaved; gravelled	211 07
Summit Avenue: gravelled	214 00
Tools: repairs and sharpening; new tools, &c.	478 40
Walnut Street: macadamized from Harvey Street to High Street	83 88
Warren Street: macadamized in part; repaired; new catch-basin built; culvert cleaned out and rebuilt	398 99
Washington Street: new catch-basin built; new steps and foundation built, and fence on railroad-bridge repaired; general repairs	309 70
Water-pipe and sewer-trenches repaired	34 43
Watering streets	570 25
Winchester Street: repaired; labor on sidewalk	42 25
Total amount expended	$15,973 82

A considerable part of the expense of cleaning streets and gutters, repairing streets, and pruning trees, was caused by the violent gale of July 16.

Our streets are, for the most part, in good condition; but on some of the principal thoroughfares the broken stone is worn out, and should be renewed. This is especially the case with those parts of Beacon and Washington Streets which were rebuilt from six to eight years ago. With a view to improve the condition of these streets, as well as Harvard Street, Longwood and Brookline Avenues, the stone-crusher was removed from the Fairmount pit in November last, and set up in the Brighton pit, where there is a large quantity of stone. A small force is now employed in working the crusher, and already there is a good supply of broken stone with which to begin the spring work. As the well, sunk in

this pit some years since, was always dry, and no water could be obtained except through the kindness of neighbors, a well was sunk in another part of the lot, from which an abundant supply of water can be had, sufficient for the engine as well as for the men and horses. Your attention is invited to the question of the final disposition of this lot, which is already far below the grade of Warren Street (Winchester Street), on which it fronts. If it is to be made ready for sale, it is time that a definite grade should be established, and no material be taken out below that grade. The gravel remaining in the Brighton pit, being largely mixed with clay, is unsuitable for flat grades, and had better be kept for use on those streets having sufficient longitudinal inclination to readily remove storm-water. Good sharp gravel, which is the only kind suitable for streets with flat grades, can be bought at fair prices; and, the length of haul being lessened, the cost will really be less than if we continue to use our own gravel.

The heavy travel of tip-carts from Gibbs bank on Harvard street, and of ice-wagons over the streets in the southerly part of the town, during the past open winter, will largely increase the cost of repairs during the coming season.

There is no gravel left in the lot owned by the town in Newton, just beyond the line, on Heath Street.

St. Paul Street.

St. Paul Street, for which a special appropriation of $400 was made, has been raised to grade between Sewall Avenue and Beacon Street. New gutter-boxes were put in, a new fence built, and the gutter paved on one side, as before. The street has settled in two places north of Beacon Street, and requests have been made to raise it. This might be done, and paid for out of the appropriation for the support of highways.

Removing Snow.

Of the $2,500 appropriated for removing snow, there was expended for labor and teams, repairs of snow-ploughs, new snow-shovels, &c., —

Last winter	$1,670 72
This winter	664 16
Total	$2,334 88

Leaving a balance of $165.12 unexpended.

Horses.

One of the horses reported last year as of doubtful recovery, proved incurable, and was sold in May last for twenty-five dollars. The remaining nine are in good condition, with the exception of the one referred to last year as wearing out: this horse should be disposed of, as he is fit only for the lightest work. In fact, to keep the stock up to what it should be, the town should do just as a private individual would in similar circumstances, — trade off the poorer animals while something can be got for them, and replace them with younger stock. There has been one case of sickness.

Street-Crossings.

In addition to the usual repairs, cross-walks of North-river stone and granite blocks were laid in the following places: —

One across Vernon Street at Park Street.
" " Walnut Street at Village Lane.
" " Beacon Street at Englewood Avenue.
" " Brighton Street at Boylston Street.
" " Boylston Street at Brighton and Heath Streets.
" " Boylston Street at Heath Place.

The concrete walk across Longwood Avenue at Harvard Street was relaid, and a new one put down across Pleasant Street at Harvard Street.

Sidewalks

Sidewalks were gravelled on Clyde, Warren, Boylston, Pearl, Emerald, and Washington Streets, Davis and Brookline Avenues, and sundry other places, as needed.

Two hundred and eight feet of edgestones were set on

Harvard Street, opposite estate of Henry Peirce, and a concrete walk made. A portion of the expense was borne by Mr. Peirce.

The concrete walks were thoroughly mended; and, in many parts of the town, where the top-coat was worn out, received a coat of skimming. New concrete walks were laid as follows: —

Washington Street at corner of Brookline Avenue	44 yds.
St. Mary Street, and lower end of Ivy Street	120 "
Beacon Street, near Kent Street	100 "
Harvard Street, opposite H. Peirce's	144 "
Park Street, opposite T. H. Bacon's	76 "
Davis Avenue, opposite Dr. Francis's	10 "
Davis Avenue, opposite Mr. Hovey's, about	75 "

Colchester Street, four new driveway-crossings.

Plank-walks were laid as follows: —

Walnut Street	684 feet.
Winchester Street	903 "
Beacon Street	1,611 "
Warren Street	1,194 "
Clyde Street	1,447 "
Cypress Street	600 "
Sewall Street	428 "
Boylston Street, from High Street to George Cushing's	2,007 "
Boylston Street, from Cypress to Brighton Street	4,750 "
Davis Avenue	100 "
Total	13,724 "

With the exception of about nine hundred feet on Clyde Street, and six hundred feet on Boylston Street near Brighton Street, these were to replace the board-walks taken up in the spring.

The board-walks remaining are in better condition than a year ago; but they are a continual source of danger and expense. The money spent in repairing them could be used to better advantage in building new walks.

The expenditure for sidewalks was as follows: —

Repairing board and plank walks	$617 77
New plank walks	1,529 35
Edgestones	104 75
Concrete walks and repairing	1,400 00
Gravel walks and sundries	313 28
Total	3,965 15

Care of Sewers.

The street catch-basins have been cleaned out by this department. The railroad brook, from Cypress Street to land of Mr. Rogers, and the main sewer, from Brook Street to the Charles River, were cleaned.

The cost was as follows: —

Cleaning catch-basins	$627 13
Cleaning railroad brook	76 25
Cleaning main sewer	69 03

Public Grounds.

The sum of $240.86 was expended in the care of the public grounds and schoolhouse-lots.

New Schoolhouse on Sewall Street.

The brook through the part of the stable-lot set apart for the new school was walled in and covered, the excavation for foundation-walls made, and the lot graded by this department. The stones blasted out on Boylston Street in 1874 were used in covering and walling-in the brook, and the cost was therefore much less than if these had to be bought. The whole cost, including digging post-holes and levelling up the cellar-floor with gravel, was $1,014.34.

Collecting Ashes.

The ashes have been collected weekly throughout the town at an expense of $744.08.

The customary schedule of property belonging to the department is appended.

Respectfully submitted.

MICHAEL DRISCOLL,
Superintendent of Streets.

GUIDE-BOARDS.

Guide-boards are placed and maintained as follows, and they seem to us to be all that are required: —

One at junction of Warren and Walnut Streets, "To Jamaica Plain," "To Reservoir."

One at junction of Cottage and Warren Streets, "To Jamaica Plain."

One at junction of Brighton and Boylston Streets, "To Chestnut Hill Reservoir."

One at junction of Rockwood Street and Goddard Avenue, "To Jamaica Plain."

One at junction of Hammond and Boylston Streets, "To Oak Hill, West Roxbury, and Dedham."

One at junction of Hammond and Heath Streets, "To Chestnut Hill Reservoir."

One at junction of Warren and Clyde Streets, "To Dedham," "To Walnut Hills Cemetery."

One at junction of Walnut and High Streets, "To West Roxbury and Dedham."

One at junction of Boylston and High Streets, "To Jamaica Pond and to Newton Upper Falls."

One at junction of Boylston and Cypress Streets, "To Newton."

One at junction of Walnut and Cypress Streets, "To Jamaica Plain."

One at junction of Hammond and Newton Streets, "To Chestnut Hill Reservoir."

One at junction of South and Grove Streets, "To Dedham," "To Brighton," "To Dedham Court-House five miles."

One at junction of South and Newton Streets, "To Newton," "To West Roxbury."

One at junction of Grove and Newton Streets, "To Walnut Hills Cemetery."

One at junction of Newton and Clyde Streets, "To Dedham and Jamaica Plain."

One at junction of Clyde and Newton Streets, "To Brookline and Reservoir."

One at junction of Harvard Street and Longwood Avenue, "To Boston Highlands."

One at junction of Essex Street and Brighton Avenue, "To Cambridge," "To Brighton."

One at junction of Washington and Boylston Streets, "To Brighton."

One at junction of Harvard and Beacon Streets, "To Cambridge and Cambridgeport."

One at junction of Beacon and Harvard Streets, "To Chestnut Hill Reservoir and Newton Centre" (on a tree).

One at junction of Beacon and Washington Streets, "To Boston and to Newton Centre."

LIGHTING STREETS.

The usual plan of lighting the streets until midnight twenty-three nights each month has been continued; and contracts have been made the past year as follows: —

Brookline Gas-Light Company, to supply gas to four-feet burners, $2.75 cents per thousand feet.

John S. Woods, to clean, light, extinguish, and keep in repair the gas-lights, 2⅛ cents per lamp per night.

United States Street-Lighting Company, to furnish all material, light and keep in repair the gasoline-lamp, 5½ cents per night for each lamp.

At his suggestion, and at his own expense, E. S. Ritchie substituted, on twenty of the gas-burners, kerosene-lamps with reflectors, and has supplied all material, lighted and kept them in repair for $1.62½ per month for each lamp.

The relative cost of the different methods of lighting the streets for the past year is as follows: —

Gas	$22 09	each post.
Kerosene, with reflectors . .	19 50	"
Gasoline	11 02	"

In accordance with the vote of the town at the annual meeting, two new gasoline-posts were set on Chestnut Street, near High Street; also one gas-post on Mountfort Street, and one gas-post on Washington Street, near Boston line.

The number of lamps in the town is now 472, distributed as follows: —

NUMBER AND LOCATION OF STREET-LAMPS.

PLACE.	Gas.	Gasoline.	PLACE.	Gas.	Gasoline.
Andem Place	1	–	Kimball estate	–	5
Aspinwall Avenue	5	–	Linden Place	5	–
Auburn Street	1	–	Longwood Avenue	13	–
Babcock Street	8	–	Marion Street	6	–
Beacon Street	56	–	Monmouth Street	1	–
Boylston Street	31	2	Monmouth Place	2	–
Brighton Street	14	–	Morss Avenue	1	–
Brookline Avenue	–	3	Mountfort Street	4	–
Browne Street	1	–	Newton Street	–	10
Carlton Street	4	–	Park Street	6	–
Chestnut Street	3	4	Pearl Street	–	5
Clyde Street	3	10	Perry Street	2	–
Colchester Street	6	–	Pleasant Street	10	–
Cottage Street	–	6	Prescott Street	1	–
Cypress Place	3	–	Prospect Street	4	–
Cypress Street	8	–	Powell Street	1	–
Davis Avenue	5	–	School Street	2	–
Davis Court	1	–	Searle Place	1	–
Dudley Street	5	–	South Street	–	1
Dudley Street (Longwood)	2	–	Still Street	1	–
Englewood Avenue	1	–	St. Mary's Street	1	–
Essex Street	2	–	St. Paul Street	6	2
Fay Place	1	–	Summit Street	1	–
Francis Street	4	–	Summit Avenue	12	–
Freeman Street	2	–	Tappan Street	–	3
Goddard Avenue	–	7	Thayer Place	1	–
Gorham Avenue	2	–	Vernon Street	1	–
Grove Street	–	2	Village Lane	1	–
Harvard Street	27	–	Walley Street	1	–
Harvard Avenue	4	–	Walnut Street	14	–
Harvard Square	1	–	Walnut Place	4	–
Hawes Street	1	–	Warren Street	9	11
Harrison Place	2	–	Washington Street	44	–
Heath Street	12	–	Waverly Place	1	–
High Street	4	4	Webster Place	1	–
Holden Street	2	–	White Place	1	–
Irving Street	1	–	Winchester Street	5	–
Ivy Street	4	–	Total	397	75
Kent Street	7	–			

POLICE.

OFFICE OF THE CHIEF OF POLICE,
BROOKLINE, Jan. 31, 1880.

To the Selectmen.

GENTLEMEN, — I have the honor to submit my fourth annual report of the Police Department for the year ending Jan. 31, 1880.

The force as now organized consists of chief, two sergeants, and eleven patrolmen.

Chief	Alonzo Bowman.
Sergeants . . .	George F. Dearborn.
	Charles B. McCausland.

Patrolmen.

Burnham C. Clark.	George F. Marston.
Mears Orcutt.	Albert S. Paige.
Thomas J. Murray.	Charles H. Cilley.
William W. O'Connell.	Joseph J. O'Connell.
Burton R. Willis.	Alonzo W. Corey.

Robert J. Watson.

SPECIAL POLICE.

Thirteen men have been appointed special police-officers without pay, as follows: —

Willard Y. Gross, for the Town Hall.

John H. Grush, for Guild's Block and vicinity.

John E. Blaisdell, for Christ's Church and vicinity of Chapel Station.

John Furgurson, for the Stearns estates, Sewall and Longwood Avenues.

William D. Morrison, for the Public Library.

Eneas Smith, for Holyhood Cemetery.

Thomas S. Pettengill, for Walnut Hills Cemetery, and Cemetery on Walnut Street, and on funeral occasions.

William B. Joy, for the estates of Jordan, Marsh, & Co., Washington Street and Summit Avenue.

David McCarty, for Cochituate Reservoir.

Albert E. James, for the Metropolitan Railroad Station and vicinity.

Levi Doran, for Lyceum Hall and vicinity.

John Leahey, for the lower part of Boylston Street.

Leonard Newcomb, for the High, Pierce, and Ward Schools, and vicinity thereof.

A. W. Corey, for the estate of George Dexter, and other estates in the vicinity. Mr. Corey was afterwards appointed on the regular force, and Stephen J. Sullivan was appointed in his place as special officer. Three arrests have been made by special officers.

Work of the Department for the Year.

Whole number of arrests made by the local force during the year, 293.

Males	257	Residents	155
Females	36	Non-residents	138
Minors	50	Americans	120
Juvenile offenders less than 17 years of age	30	Foreigners	173

Causes of Arrests.

Assault	23
Assault (felonious)	1
Assault on officers	1
Breaking and entering	3
Common drunkards	13
Contempt of court	1
Cruelty to animals	2
Disorderly house (keeping of)	2
Disturbing the peace	19
Drunkenness (simple)	142
Fast driving	2
Gambling	3
Incendiaries	2
Insane persons	6
Larceny	13
Malicious mischief	6

Stubborn children	1
Trespass (criminal)	2
Truancy	4
Vagrancy	28
Violation of town by-laws and by-laws of Board of Health	8
Violation of liquor law	6
Railing and brawling	1
Refusing to pay railway fare	1
Refusing to assist an officer	1
Suspicious characters	2
Number of persons committed to jail and house of correction	128
Number committed for non-payment of fine and in default of bail	105
Number committed by sentence (seven of whom were women to the Reformatory Prison at Sherborn)	23

Nativity of Persons Arrested.

British Provinces and Canada	10
England	3
Ireland	156
Germany	3
Italy	2
United States	117
Sweden	2

Lodgers.

Number of persons applying for lodgings, 891. Males, 868; females, 23. Minors, 47.

Nativity of Persons Lodged.

British Provinces and Canada	46
England, Scotland, and Wales	80
Germany	17
Ireland	346
United States	390
All other places	12

Miscellaneous Services Performed.

Accidents reported by officers	35
Alarms of fire reported by officers	14
Amount of property taken from prisoners, and restored to them as per their receipts	$1,700 04
Amount of property reported stolen	$1,559 00
Amount of stolen property recovered	$562 00
Buildings found open at night and secured (of which 52 were stores and shops)	60
Cases investigated and settled without arrests	55
Disturbances suppressed	15
Defects in streets and sidewalks reported	107
Defective hydrants and leaks in street-mains reported	22
Fires extinguished without an alarm	7
Number of stray animals found running at large, and cared for	35
Number of lost children found, and restored to their homes	7
Number of lost teams found, and returned to their owners	12
Number of leaks in gas-pipes (street-mains) reported,	7
Number of sick and injured persons found on the street and cared for by officers	7
Number of nuisances reported to agent of Board of Health	34
Number of dead animals found, and buried by direction of officers	15
Number of lanterns furnished for dangerous places on streets and sidewalks at night	28
Number of orders delivered for the cleaning of vaults and cesspools by direction of the Board of Health,	134
Number of licenses to collectors of grease, inspected and indorsed monthly	22
Number of sewer permits taken up by officers	54
Number of town warrants and documents distributed,	17,500
Number of street-lamps reported unlighted	220
Number of street-lamps reported broken	187

Number of runaway horses caught by mounted officers,	13
Number of officers reporting at station on alarms of fire	43
Number of furnished houses reported as temporarily vacant, and extra attention asked for . . .	55
Number of police details made by request of citizens,	13
Number of police details for public occasions . .	11

Of the one hundred and fifty-five persons arrested for drunkenness, seventy give Brookline as their place of residence; of this number, eighteen have been released on becoming sober. Whenever it appears that the same or as good results can be obtained by allowing persons arrested for drunkenness to go without prosecution, none is made, particularly when a desire to take a pledge to reform is shown. Complaints against twelve of the above, arrested for drunkenness, were placed on file by the Court.

Lodgers and Tramps.

The number of persons applying for lodgings has largely increased the past year. This is owing chiefly to the system adopted the past year by the city of Boston: persons applying at their police-stations for lodgings are given tickets to and directed to the Wayfarers' Lodge, Hawkins Street, where they are required to work to pay for their entertainment. Persons applying at the outlying stations — such as Brighton or West Roxbury — find our station more accessible than the north end of Boston: hence the increase the past year.

The Mounted Service.

Two valuable saddle-horses have been in use the past year, and with the best results. Mounted officers have been successful in preventing fast and reckless driving, and in stopping runaway horses, preventing loss of property, and, in several cases, saving persons from severe, if not fatal, injury. The streets in the remote parts of the town are patrolled almost entirely by mounted officers.

Six prosecutions have been made for violation of the liquor laws. Fifty-two gallons of liquors have been seized for being illegally kept for sale, which have been condemned and disposed of according to law. The illegal sale of liquors has been mostly confined to dwelling-houses, and it is very difficult to obtain evidence sufficient to convict the offenders.

The arrests for the crime of drunkenness in the last four years have been as follows: 1876–77, 119; 1877–78, 124; 1878–79, 91; 1879–80, 155.

This station is now connected with Bell's Telephone Despatch Company, Boston; and, by the Brookline Telephone Exchange, with all parts of the town, and will be of value to the department, as well as a great convenience to the citizens.

As now organized, the five patrolmen for day duty report for roll-call at seven A.M., and are on duty until six P.M., ten hours. The six patrolmen for night duty report for roll-call at seven P.M., and are on duty until four A.M., nine hours. From six to seven P.M. only two officers are on patrol duty, — one in the village, and one (sergeant) who is mounted.

I am convinced that this arrangement is no longer *safe* or *judicious*. There are four or five police routes which should be guarded the whole twenty-four hours of the day The experience of the past year fully warrants me in making this assertion. The addition of five or six patrolmen would be necessary to accomplish this.

Our situation as regards police requirements is peculiar. In close proximity to, in fact nearly surrounded by, a large city, we are exposed to the criminal elements which pervade all large cities, and who soon discover the most unguarded and defenceless part of the community on which to prey.

Extinguishing the street-lamps at midnight seems almost an invitation to those "who prefer darkness to light." It is certainly a great hinderance and annoyance to the police officer who desires to thoroughly perform his duty.

It is very desirable that the revision of the By-Laws of the

town, which have been long in the hands of a committee, should be completed and published.

Conclusion.

The first duty of the police is the prevention of crime; second, the arrest and punishment of offenders when crime is committed.

With the small force at my disposal, it has been quite impossible to give the service and attention which should be given to the pursuit, and bringing to justice, of persons who have committed serious crimes in our district.

The discipline of the officers has been good. They have responded promptly and cheerfully to all calls of duty.

The night officers have performed many hours of extra duty whenever called on to do so. The larger number of the officers are experienced in the service, and are intelligent, discreet, and efficient in the discharge of their duties.

Our thanks are due to the Police Department of the city of Boston for valuable assistance cheerfully rendered the past year. We are also indebted to Police Department of the city of Newton for the co-operation and assistance rendered.

With thanks for the kind consideration extended to me by the Selectmen and the Committee on Police,

I am, gentlemen, respectfully your obedient servant,

ALONZO BOWMAN,
Chief of Police.

SEWERS.

Sewer Plans.

At the last annual meeting an appropriation was made for the purpose of procuring plans for the construction of lateral sewers throughout that portion of the town intended to be drained by the new main sewer; and early last season Messrs. Shedd and Sawyer were employed to furnish them. The

following letter from Mr. Shedd will show the present condition of this work: —

PROVIDENCE, Feb. 14, 1880.

MR. HORACE JAMES, *Selectman, Brookline, Mass.*

Dear Sir, — The investigations and plans for a system of sewers to connect with the new main sewer in Brookline are in progress, but not yet completed. The investigation requires much time; but I am in such a state of progress that any special district can be quickly furnished, and the whole will be ready before any work can probably be done in the spring.

Yours respectfully,

J. HERBERT SHEDD.

SEWERS CONSTRUCTED.

BROOK STREET, AND SEWER IN SAME.

In accordance with votes of the town, Brook Street and the sewer intended to be built therein have been substantially constructed. The plans and specifications for this work were made by Messrs. Shedd and Sawyer; and it has been constructed under the superintendence of A. H. French and Howard A. Carson, civil engineers, Mr. Carson being employed as consulting engineer.

The brick, cement, granite coping, iron castings, pipes, and pipe-connections for the sewer, were furnished by the town; all other materials and labor needed to complete the work, by the contractors. The plans were received May 26, and proposals for building the sewer and street were immediately advertised for. Five bids were received, and the contract for both street and sewer was finally awarded to John J. Dorey of Boston and George F. Hitchings, jun., of Brookline. The contracts were signed June 28, and work commenced July 7, and the sewer connected with the sewer in Aspinwall Avenue Dec. 11, when, owing to the lateness of the season, the work was discontinued.

Only a small amount of work now remains to be done to complete both street and sewer, so far as the contractors are

concerned. On the sewer seven catch-basins are to be built, and the street is to be dressed over, and the sidewalks and gutters formed.

The awards for land damage have all been accepted and paid, except only the award to Mrs. Solomon Burt ($200); and, as we have not been notified to the contrary, we presume she intends to accept this.

The drain leading from the catch-basins at the corner of Aspinwall Avenue and Toxteth Street, through the Stedman estate to the old brook, has been continued to and connected with the sewer in Brook Street. An 18-inch pipe has been laid across Aspinwall Avenue, opposite the westerly line of the Melcher estate, connecting the drain from the low lands on the north side of Aspinwall Avenue with the new sewer, the old drain being destroyed by the building of the sewer.

Perry-Street Sewer.

The Board of Selectmen, in the last annual report, recommended the laying of a 12-inch pipe-sewer, either in Perry Street or Aspinwall Avenue, as might be found most advantageous for those needing drainage in that vicinity. A hearing in relation to this sewer was held Oct. 9; and, it appearing that no one desired a sewer in Aspinwall Avenue, it was decided to lay one in Perry Street, where nearly all the abutters favored it. A sewer has therefore been laid in Perry Street, from Brook Street to the top of the hill opposite the Gibson estate, — a distance of 816 feet. On account of the delay in the construction of the Brook-street Sewer, this work could not be done till the last of November; and we were obliged to omit, until the spring opens, the two catch-basins which are required at the corner of Aspinwall Avenue and Perry Street.

The two short streets leading from Brook Street to Aspinwall Avenue have been brought up to grade; and it is expected that the whole work, including fencing, will be finished early in the spring.

WATERING STREETS.

The streets were watered by the parties whose names and districts were fully reported in the last annual report.

The total expense was $4,004.07.

Respectfully submitted.

MOSES WILLIAMS, Jr.,
FRANCIS W. LAWRENCE,
HORACE JAMES,
R. G. F. CANDAGE,
OLIVER WHYTE,

Selectmen, Surveyors of Highways, and Board of Health of the Town of Brookline.

STATISTICS.

To the Selectmen of the Town of Brookline.

The undersigned herewith respectfully submits the report of the vital statistics of the town of Brookline for the year 1879.

MARRIAGES BY MONTHS.

MONTHS.	Whole Number.	First.	Second.	Third.
January	6	11		1
February	7	12	2	
March	1	2		
April	8	14	2	
May	6	12		
June	10	18	2	
July	3	6		
August	4	6	2	
September	7	14		
October	9	13	5	
November	8	15	1	
December	3	6		
	72	129	14	1

OF THE ABOVE MARRIAGES,

2 were second marriage of the groom and second of the bride.
9 were second marriage of the groom and first of the bride.
1 was third marriage of the groom and first of the bride.
1 was first marriage of the groom and second of the bride.
59 were first marriage of the groom and first of the bride.

Births by Months.

	Total.	Male.	Female.
1879.			
January	6	3	3
February	16	10	6
March	17	7	10
April	17	10	7
May	12	8	4
June	11	7	4
July	12	8	4
August	19	9	10
September	16	5	11
October	22	7	15
November	14	5	9
December	16	6	10
1878.			
January	2	1	1
August	1		1
October	1	1	
November	1		1
December	1	1	
	184	88	96

DEATHS, SEX, CONDITION, AND AGE, BY MONTHS.

1879.	Disease.	Sex.	Condition.	Age.			Occupation.
				Years.	Mos.	Days.	
January,	Scirrhus of liver	M.	M.	56			Laborer.
	Old age	F.	S.	74			
	Unknown	M.	M.	58			Laborer.
	Pulmonary consumpt'n,	M.	S.	34		3	
	Pneumonia	F.	W.	56			
	Paralysis	M.	M.	70	4		Lawyer.
	Membranous croup	F.		5		12	
	Peritonitis	M.		7	8	4	
	Chronic gastritis	F.	M.	55			
	Heart disease	M.	M.	66	3	22	Treas. of Sav'gs Bk.
	Membranous croup	M.		1	7	3	
Feb.	Still-born	M.					
	Hydrocephalus	F.			7	12	
	Still-born	F.					
	Scarlet fever	F.			2	3	
	Diphtheria	F.		13	6		
	Inflammation of brain	F.	W.	81	4		
	Old age	M.	W.	91	3	18	Merchant.
March	Apoplexy	M.	W.	68	2		Carriage-builder.
	Consumption	M.		40			Laborer.
	Diphtheria	F.		12		7	
	Childbirth	F.	M.	29	7		
	Diphtheria	M.	M.	43	6		Stable-keeper.
	Peritonitis	F.	M.	72		23	
	Congestion of the lungs,	F.		2	5	14	
April	Imperfect heart	F.				1 hr.	
	Accident	M.	M.	45			Laborer.
	Heart disease	M.	W.	55			Slater.
	Heart disease	M.	M.	68	9	12	
	Pernicious anæmia	F.	M.	26			
	Old age	M.	M.	84			Laborer.
	Heart disease	M.	S.	45	9	20	Custom-ho. officer.
	Acute phthisis	M.		9	1	10	
	Heart disease	F.	M.	45	3	15	
	Diphtheria	F.	M.	25	2	8	
	Marasmus	F.			1	21	
	Congestion of the lungs	F.	S.	31	10	8	
	Cancer of the stomach	M.	M.	54	4	12	Farmer.
	Pulmon'y tuberculosis	F.	M.	36			
May	Acute hydrocephalus	M.			7		
	Phthisis	M.	M.	32			Blacksmith.
	Consumption	M.		18	6	8	
June	Carcinoma of breast	F.	M.	47	3		
	Consumption	F.	S.	21			
	Consumption	F.	M.	40			
	Heart disease	M.		15	10		
July	Consumption	M.	S.	25	6	4	
	Cholera morbus	M.	S.	34			
	Malarial	M.	M.	45		19	Salesman.
	Pelvic abscess	F.	M.	48			
	Cholera infantum	F.		3	6		

DEATHS, SEX, CONDITION, AND AGE, BY MONTHS—*Concluded.*

1879.	Disease.	Sex.	Condition.	Age.			Occupation.
				Years.	Mos.	Days.	
August .	Erysipelas	F.		1	11	4	
	Water on the brain . .	F.		3	8	22	
	Cong'n of brain, measles,	M.		1	7	4	
	Heart disease	F.	W.	78		27	
	Pulmon'y consumption .	F.	M.	56			
	Typhoid fever	M.		17	3		
	Cholera infantum . . .	M.			11	5	
	Cholera infantum . . .	M.			6	15	
	Pneumonia	F.	M.	46			
Sept. . .	Conv'ns, whoop.-cough .	M.		1	11	18	
	Old age	F.	M.	85	10		
	Typhoid fever	F.	M.	46	7	10	
	Cholera infantum . . .	M.			11	16	
	Typhoid fever	F.	S.	27	9	4	
	Scarlatina	F.		1	3		
	Heart disease	M.		72			Trader.
	Typhoid fever	M.		13	9		
	Old age	M.	M.	75	6	8	Lawyer.
	Typhoid fever	F.		7	8		
	Consumption	M.	S.	49	2		
	Heart disease	F.	M.	50	8	22	
	Typhoid fever	F.	M.	38	3		
October .	Phthisis	M.	S.	24	6	15	Painter.
	Diphtheria	F.		1	4		
	Asphyxia	F.				21 h	
	Marasmus	M.	M.	66	1	8	Merchant.
	Dropsy	F.	W.	74			
	Old age	M.	W.	84	10	20	Farmer.
	Whooping-cough . . .	F.			1	16	
	Phthisis	F.	S.	60			
	Old age	F.	M.	78	2	23	
Nov. . .	Meningitis	F.		7	1	10	
	Consumption	F.	M.	59			
	Pneumonia	M.		1	10	11	
	Conv'ns, whoop.-cough .	M.		3	3		
	Paralysis	F.	M.	71			
	Whooping-cough . . .	M.		5	11		
	Unknown	F.				17 h	
	Hydrocephalus acutus .	M.		1	3	8	
	Consumption	F.	M.	38	5	3	
Dec. . .	Carcinoma of rectum .	M.	M.	30	7	11	Laborer.
	Bronchitis	M.		2	2		
	Marasmus, bilious remittent fever	F.	W.	56	11		
	Heart disease	M.	S.	22	10	21	Clerk.
	Pulmon'y consumption .	M.	M.	51			Laborer.

RECAPITULATION.

Accident	1	Dropsy	1
Anæmia	1	Erysipelas	1
Asphyxia	1	Heart disease	11
Apoplexy	1	Hydrocephalus	3
Brain, congestion of	1	Marasmus	2
Brain, inflammation of	1	Malarial	1
Brain, water on	1	Meningitis	1
Bronchitis	1	Old age	7
Cancer of stomach	2	Paralysis	2
Carcinoma of breast	1	Pelvic abscess	1
Carcinoma of rectum	1	Phthisis	4
Childbirth	1	Peritonitis	2
Cholera infantum	4	Pneumonia	3
Cholera morbus	1	Scirrhus of liver	1
Chronic gastritis	1	Scarlet fever	2
Consumption	8	Still-born	2
Consumption, pulmonary	2	Typhoid fever	6
Consumption, tuberculosis	2	Unknown	2
Congestion of lungs	2	Whooping-cough	2
Croup, membranous	2	Whooping-cough and convulsions	2
Diphtheria	5		

OF THE ABOVE DEATHS THERE WERE —

	Whole Number.	Male.	Female.
Under 5 years	27	13	14
From 5 to 10 years	5	3	2
" 10 to 20 "	6	4	2
" 20 to 30 "	7	4	3
" 30 to 40 "	9	5	4
" 40 to 50 "	12	6	6
" 50 to 60 "	11	5	6
" 60 to 70 "	5	4	1
" 70 to 80 "	9	3	6
" 80 to 90 "	4	2	2
" 90 to 100 "	1	1	
	96	50	46

B. F. BAKER, *Town Clerk.*

REPORT OF THE TRUSTEES

OF

WALNUT HILLS CEMETERY.

The Trustees of Walnut Hills Cemetery herewith submit their annual report for the year ending Jan. 31, 1880.

The work of improving the grounds has been carried on during the year as fully as could be done with the money we have had for that purpose, and we have made favorable progress in bringing them into good order and condition.

Nine burial lots and four single-grave lots have been sold during the year.

For the details of work done in the grounds during the year, reference is made to the following report of the Superintendent: to wit, —

SUPERINTENDENT'S REPORT FOR THE YEAR 1879.

To the Trustees of Walnut Hills Cemetery.

Gentlemen, — I have the honor to present herewith the annual report of the Superintendent for the year ending Jan. 31, 1880.

Improvements.

Total number of lots trenched and graded	98
" " " " " past year	10
" " head-stones erected	4
" " monuments erected	2
" " lots sold the past year	9
" " single graves sold the past year	4

Interment Record.

Total number of interments, as per last report	84
" " " for the year	34
" " " in single graves	5
" " " in private lots	29
Of the above, there were deposited in the receiving-tomb	1
Removal from other cemeteries	16

Respectfully submitted.

THOS. S. PETTENGILL,

Superintendent.

The current expenses, care of grounds, improvements, and incidental expenses have been as follows: to wit, —

To cash balance in treasury from last year	$135 61	
received from sale of wood	92 50	
received from sale of grass	25 00	
received from sale of lots, trenching and grading	1,715 48	
		$1,968 59
By cash paid for labor and materials	$1,690 90	
loaned Perpetual Care Fund	85 75	
		1,776 65
Balance in treasury		$191 94
Due from the Perpetual Care Fund on account		85 75
		336 00
Total		$613 69

Perpetual Care Fund.

To cash received from sale of lots	$568 25	
borrowed from current expense fund	85 75	
		$654 00
Amount carried forward		$654 00

Amount brought forward		$654 00
By cash paid current expense fund, borrowed 1878	$80 00	
paid policy No. 4,852 Massachusetts Hospital Life Insurance Company	500 00	
		580 00
Balance in the treasury		$74 00
Amount invested in Massachusetts Hospital Life Insurance Company . . .	$4,700 00	

Income from Perpetual Care Fund.

To cash balance in the treasury from last year	$123 61	
received, interest on investments in policies of Massachusetts Hospital Life Insurance Company	158 35	
		$281 96
By cash paid labor and material in care of lots . .		116 25
Balance in the treasury		$165 71

The grounds have been well kept up during the year, and their general appearance has been much improved.

MOSES WILLIAMS, Jr.,
Chairman pro tem.
CHARLES S. SARGENT,
THEODORE LYMAN,
CHARLES H. STEARNS,
WALTER C. CABOT,
DESMOND FITZGERALD,
WILLARD A. HUMPHREY,
Trustees.

REPORT

OF THE

OVERSEERS OF THE POOR

OF THE

TOWN OF BROOKLINE,

FOR THE YEAR ENDING FEBRUARY 1, 1880.

ANNUAL REPORT.

THE Board organized by choosing Moses Williams, jun., as Chairman, and Charles D. Lincoln as Secretary. The duties of the Board have been mostly performed by Mrs. J. Elliot Cabot, Mrs. James M. Codman, Mr. Whyte, and the Chairman.

The following table gives the names of persons regularly relieved: —

5 Barrett, James, and wife's children, — four boys at House of the Angel Guardian, $245; one girl at Saint Vincent's, $24.

3 Burke, John, aged 9; Katy, aged 7; Mary, aged 5, — children of Thomas or Michael Burke deceased. They are boarded with Martin Costello at $15 a month for the three.

3 Casey, Nellie, widow of Thomas, and two young children. We pay her $6 a month, and supply her with fuel, and pay her rent.

3 Collins, Mary, widow of Peter, and two children of brother, James Kilnan. She works for her relief, $1.75 a week, and her fuel.

3 Corcoran, Henry, and wife and one child. April 17 the State refused to allow any more aid. We allowed her $1 a week for food till June 18, 1879, and have paid $3 a month for her rent since Aug. 1. Her settlement is probably now in Boston, under Stat. 1878, chap. 190, and Stat. 1879, chap. 242. Her husband died March 10, 1879.

2 Corcoran, Michael, aged 70, and wife. We give them $2 a week and fuel and rent.

6 Coughlin, John, and wife and four children. We have al-

lowed Mrs. Coughlin to work $2 a week for relief, and we have supplied some fuel. Relief ceased July 9.

5 Coughlin, William, and wife and three children. She is authorized to work $2 a week for relief and for fuel, and we pay rent.

1 Crawley, Mary, aged 62, boards with Mrs. Bridget McMahon at $8 a month.

6 Cronan, John, and wife and four children. She has been allowed to work $2 a week for relief.

1 Curry, Hannah, aged 62, widow of James. She boards with her son-in-law, Thomas Finn, at $3 a month.

6 Curry, John, and wife and four children. He was allowed to work out $2 a week for relief until April 30. No relief since.

1 Dalton, James, aged 12, son of James and Mary, afterwards wife of Thomas Burke. He boards with Mrs. Bolan at $8 a month.

9 Donahoe, Martin, and wife and seven children. We allowed him to work $3 a week for relief till June 25, 1879, and $2 a week since that date.

6 Donovan, Michael, and wife Julia. He died Dec. 12, 1879, leaving four children. We pay for food, fuel, and rent.

3 Duffy, Ann, widow of Michael, and two children. We allowed her to work out her relief at $1.50 to $2 a week and her rent till Oct. 1, since which time she has had no relief.

1 Dwyer, Ellen, aged 67, boarded with Patrick Ryan, at $8 a month, until her death, Jan. 1, 1880.

2 Fallon, John W. and Eunice, children of Michael. They live in Lawrence, and we paid that city last year for their support $96.

1 Flanagan, Mary, widow of Joseph, aged 87. She boards with her son Martin at $6 a month.

7 Flanagan, Michael, and wife Ann and five children. We allowed him to work $1 a week for relief, and supplied fuel until April 9, since which time there has been no relief.

5 Fleming, Patrick, and wife and three children. We allow $2 a week, if the same is worked out.

1 Ford, Sarah A. She is boarded at the Asylum for Chronic Insane at Worcester. We paid last year $174.51 for her.

1 Gleason, Ann, aged 64, widow of James. She boards with her daughter, Bridget Sullivan, at $8 a month.

2 Haley, David, and wife, about 71 years of age, and unable to work. She is allowed $1.50 a week for relief, and we supply rent.

2 Hill, Eliza, widow of Thomas, and one child. We give her $1.50 a week, fuel, and rent.

2 Horregan, Bridget, widow of Michael, and one daughter 12 years old. They are State paupers apparently. We allow her to work $1 a week, and supply fuel, and pay rent.

7 Kelly, John, and wife Ann and five children. He worked out $2 a week for relief until April 16, and has had no relief since, except $1.50 on Jan. 28, 1880.

1 Kennedy, Ann, wife of James. She boarded with John Monahan at $6 a month, except three months, when she was at Dedham.

4 Killinan, Fanny, widow of John, and three children. She works out $1.50 a week relief and fuel. We have also paid her rent, and $10 for medical care.

1 Lamb, Mary, widow of Lawrence. The city of Boston admits her settlement. We allow her to work $1 a week, and pay her rent. The city reimburses us.

5 Liddy, John, and two girls, who are at St. Vincent's Asylum, and two boys at the House of the Angel Guardian.

2 Lynch, Bridget, widow of Cornelius, and one child, Annie, who is at St. Vincent's Asylum at our expense. The mother lives in the Town House, Heath Street, and we allow her $1 a week and fuel. The mother has been several months at Dedham, and is now at Sherborn Female Prison.

5 Lynch, Mary, wife of John (daughter of Batt Cusick), and four small children. She has been deserted by her husband, and we allow her $1 a week and fuel and rent and some medical care.

10 Lyons, Patrick, and wife and eight children. We allow him to work out $2 a week and rent.

2 Mitchell, Michael, and wife (about 60 years of age). He is

disabled at present from work. We allow them $2 a week and fuel, and pay rent.

4 Madden, Mary, widow of Charles, and three children of the latter. Daniel is at the House of the Angel Guardian. We allow Mrs. Madden $1 a week, her fuel, and rent.

1 McCarthy, Julia, widow of Jeremiah, aged about 62. We pay $7 a month for her board.

5 McDonald, Thomas's five minor children are boarded with their aunt, Mrs. O. Hillen, at $24 per month.

1 McGrath, Michael, has a military settlement, and is boarded at the Northampton Asylum for the Insane. We paid last year $168.77.

1 McNamara, John, is at the House of the Angel Guardian. We have paid for his board $100.

1 Morrissey, Bridget, aged 70, $1 per week.

2 Mountain, Ellen, widow of Patrick, and one son. We allow $1.50 a week and fuel and rent.

3 O'Hare, Ellen, widow of Michael, and two children. They are Boston paupers. We allow her $1 a week and fuel and rent. Boston reimburses us.

6 Powers, Johanna, widow of Edward, and five children. We allow her to work out $2.50 a week, and we pay her fuel and rent.

1 Powers, Mary, widow, aged 63. We pay her rent and fuel, and $1 a week for food.

3 Quinlan, Mary, widow of Thomas, and two children. They are Boston paupers. We allowed her to work $1.75 a week for food until Sept 1. We still supply rent, but the family mainly support themselves. Boston reimburses us.

4 Roy, Joseph, and wife and two children. We allow her to work out $1 a week, and they live in the Town House on Heath Street.

1 Sheehan, Hannah, $1 a week and rent and some fuel. 60 years of age.

1 Tobin, Bridget, aged 61. She is blind, and unable to work. We allow her $8 a month.

1 Welsh, Rose, wife of Thomas. We pay $4 a month rent.

159 as the number regularly relieved. The State should pay us

for the support of two of these, and Boston pays for the relief afforded to ten, and three have died; so that 144 are now liable to be regularly relieved by the town at its sole expense, instead of 119 as last year.

The following table gives the names of those whom we have occasionally relieved during the last year: —

1 Atkinson, Julia, about 73 years old.

2 Blake, Samuel, and wife. $1 on Jan. 20, 1880.

5 Cahill, Mary A., wife of John Cahill, and four children. She is a daughter of John Keenan. They live in Holliston. We have paid Holliston last year $12 towards their support.

6 Campbell, Adam, wife Susan and four children. Medical care Dec. 1, 1879, $40.

3 Carroll, Michael, and wife and one child. They are State paupers. With the consent of the Board of State Charities, we have allowed him to work $1 a week until March 26.

6 Clary, Patrick, and wife and four children. They are State paupers. With the consent of the Board of State Charities, we have allowed them to work out $2 a week for their relief until March 26.

5 Clayton, John, and wife and three children. They are State paupers, and with the same authority we afforded them relief until April 9.

5 Crotty, Mary, and four children. They live in Boston, and the Overseers there furnished relief to the amount of $39.44.

1 Dolan, Mary E., daughter of Thomas deceased. She lives in Boston, and we pay her board at $8 per month. She works out her relief.

1 Douglas, William H. He claims a military settlement, and lives in Boston. Aid furnished, $7.37.

5 Drohan, Patrick, and wife and three children. He has had nothing since Feb. 26.

2 Finnegan, Arthur, and wife. Relief since June, 1879.

3 Harris, Davis, and wife and one child. He has a military settlement, and lived in Haverhill until July, 1879, and since in Boston. We have paid that city $29.46, and Boston $2.

1 Hennessey, Andrew. $4 medical aid, and $10 for food and fuel.

5 Hennessey, Michael C., and four children. In consequence of an accident, he has been allowed $3 a week and fuel till May 14.

8 Honey, James, and wife and six children. Paid $4 for medical care April 1.

1 Houlihan, Mrs. John, aged 76. We have given her $6 worth of fuel during the year, and this is all the relief she has asked.

2 Jewett, Benjamin N., aged 71, and wife. Rent paid since May 14, 1879.

5 Keenan, John, and wife and three children. We have given him $24.

7 Mahoney, Daniel, and six children. Relief, $40.

6 Mangin, Jane, widow of Thomas, and five children. We paid $9 for rent.

1 McDevitt, John, lives in Charlestown, having military settlement in Brookline. Paid Boston $3.80.

3 Moore, William, and wife and one child. They are State paupers. No relief since March 26.

1 O'Brien, Edward, was relieved from June 1, 1879, until his death, Jan. 5, 1880. Medical care, $14.

8 O'Dea, Dennis, wife Catherine and six children. Worked out $2 a week since Dec. 17.

1 O'Day, James, at State Almshouse.

6 Pottle, John H., and wife Mary J. and four children. Were relieved from May 28, 1879, to Nov. 26, 1879.

6 Powers, James, and wife Catherine and four children. Has a military settlement, and lives in Lawrence. We paid last year for their support $34.

4 Powers, James, and wife Julia and two children. No relief since April 30.

6 Rice, Michael, and wife Anna and four children. They are undoubtedly settled in Boston, though that city raises a technical point against them. We have given $6 relief, and shall claim the sum from the city.

1 Ryan, Martin, settled in Boston. Received $8, which we have claimed of Boston.

1 Russell, Michael, State pauper. Has had $46 for medical aid.
1 Ryan, John, settled in Boston. Has received food and medical aid.
3 Sullivan, Daniel, and wife and one child. They have a settlement in Boston, or else are State paupers. We have given no relief since April 9.
2 Taylor, William H., and Taylor, Hattie, brother and sister of Mrs. Patrick Murray, jun. They are State paupers. Were relieved $4 June 11.
1 Whalen, John J., son of Thomas. Have paid only $1.25. He died February, 1880.
125

This gives 125 as the number of persons occasionally relieved, instead of 222, the number for the previous year. Two have died during the year. We require some equivalent in work in every case for the amount of general relief afforded, when the applicant is able to work.

The following report shows the labor which has been performed by the female poor under the direction of Mrs. Codman and Mrs. Cabot of our Board: —

Balance on hand Feb. 1, 1879	$22 57
Cash received from sale of garments	161 20
Massachusetts Hospital for sewing	29 99
private individuals for sewing and knitting	17 30
	$231 06
Cash paid for 1,319¾ yards cotton	$95 05
714⅝ yards calico	40 33
yarn	3 31
thread and buttons	6 92
36 pairs boots and rubbers	30 66
trousers and other clothing	2 87
carbolic acid	1 50
Amount carried forward	$180 64

Amount brought forward	$180 64
Amount repaid to the town	50 00
Balance on hand	42
	$231 06

Garments made for the town of Brookline from Feb. 1, 1879, to Feb. 1, 1880	1,016
Garments on hand Feb. 1, 1879	448
	1,464
Garments sold	1,050
Garments given away to the poor of the town and to patients in the hospitals	314
Remaining on hand Feb. 1, 1880	105
	1,464

Stockings knit for the town from Feb. 1, 1879, to Feb 1, 1880	25 pair.
Stockings remaining on hand Feb. 1, 1879	8 pair.
	33 pair.
Stockings sold	4 pair.
Stockings given away	19 pair.
Stockings remaining on hand Feb. 1, 1880	10 pair.
	33 pair.
New boots remaining on hand Feb. 1, 1879	10 pair.
New boots purchased	36 pair.
	46 pair.

Sheets made for Massachusetts General Hospital	413
Pillow-cases made for Massachusetts General Hospital,	171
Shirts made for Massachusetts General Hospital	76
(For all which materials are supplied by the hospital.)	
Second-hand garments received and distributed	427
Stockings	158 pair.
Boots and shoes	127 pair.
Hats	38
Number of women employed	28

The following table shows the comparative expenses of supporting the poor for the last four years by each month: —

Months.	1876.	1877.	1878.	1879.
February	$262 99	$692 70	$353 75	$485 98
March	285 00	1,319 01	498 43	194 13
April	1,083 14	589 98	427 68	987 26
May	545 78	515 70	399 17	347 55
June	692 00	489 13	524 41	850 18
July	837 00	307 15	398 85	526 50
August	562 50	395 59	257 56	484 51
September	426 00	606 66	453 48	925 45
October	369 35	304 28	471 51	458 64
November	1,099 86	193 15	601 45	351 15
December	991 96	756 17	792 12	1,056 26
	1877.	1878.	1879.	1880.
January	1,934 82	554 28	841 36	690 80
	$9,090 40	$6,723 80	$6,019 77	$7,358 41

The increase of expenditure in this year is mainly due to the additional number of children whom we have felt compelled to board in institutions.

The town appropriation was	$6,000 00
We have received from the Commonwealth	177 75
We have received from Boston	290 00
We have received from other towns, &c.	65 00
	$6,532 75

We claim that the children of Anna and Michael Rice have a settlement in Boston, by virtue of their mother's residence in Boston for five years consecutively, under Stat. 1878, chap. 190, sect. 1, cl. 6. The city of Boston denies this settlement, claiming that the children could not acquire settlement under their mother while she was living in matrimony with her husband. We consider, however, that the case is settled against the city of Boston by the Stat. 1879,

chap. 242, sect. 2, which in terms applies to married as well as unmarried women. The amount involved is small.

MOSES WILLIAMS, JR.,
FRANCIS W. LAWRENCE,
HORACE JAMES,
R. G. F. CANDAGE,
OLIVER WHYTE,
MRS. J. ELLIOT CABOT,
MRS. JAMES M. CODMAN,
Overseers of the Poor.

REPORT

OF THE

COMMISSIONERS OF THE SINKING FUND

OF THE

TOWN OF BROOKLINE.

ANNUAL REPORT.

THE Commissioners of the Sinking Fund of the Town of Brookline present herewith their annual report.

The appropriations by the town to this fund have been		$332,800 00
Notes of the town have been paid by the Town Treasurer from the fund amounting to	$214,608 00	
The present value of the fund investments is about	147,000 00	
		361,608 00
Showing an increase of		$28,808 00

The following is a list of securities belonging to the Sinking Fund: —

$15,000	Charlestown 6 per cent bonds, due	1891
14,000	Arlington 6 per cent bonds, due	1892
19,200	Brookline 6½ per cent notes, due	1889
8,000	Woburn 6 per cent bonds, due	1892
1,500	Lawrence 6 per cent bonds, due	1894 and 1900
1,500	Taunton 6 per cent bonds, due	1896
6,500	United States 6 per cent bonds, due	1881
13,000	Brookline 6 per cent bonds, due	1895
42,500	Brookline 7 per cent bonds, due	1898
1,500	Worcester 6 per cent bonds, due	1892
1,500	Massachusetts 5 per cent bonds, due	1894
100	United States 4 per cent bonds, due	1907
3,000	New Hampshire 6 per cent bonds, due	1894
$127,300		

THOMAS PARSONS,
JOHN W. CANDLER,
CHARLES D. HEAD,
Commissioners of Sinking Fund.

BROOKLINE, Feb. 2, 1880.

COMMISSIONERS OF THE SINKING FUND IN ACCOUNT WITH THE TOWN OF BROOKLINE.

1879.

DR.

April 1.	To interest on $1,500 Worcester bonds, 6%,	$45 00
	1,500 Lawrence bonds, 6%,	45 00
	100 United States bonds, 4%,	1 00
May 1.	1,500 Massachusetts bonds, 5%.	37 50
July 1.	14,000 Arlington bonds, 6%,	420 00
	1,500 Taunton bonds, 6% .	45 00
	1,000 Brookline bonds, 6%,	30 00
	17,500 Brookline bonds, 7%,	577 50
	8,000 Woburn bonds, 6% .	240 00
	25,000 Charlestown bonds, 6%	750 00
	19,200 Brookline note, 6½%,	624 00
	100 United States bond, 4%,	1 00
	6,500 United States bonds, 6%	195 00
23.	proceeds 28,000 "called" U. S. 5-20s,	28,575 34
Oct. 1.	interest on 1,500 Worcester bonds .	45 00
	1,500 Lawrence bonds .	45 00
	100 United States bonds .	1 00
	loan secured by U. S. bonds,	58 10
20.	town appropriation	58,600 00
Nov. 1.	interest on 1,500 Massachusetts 5s .	37 50
Dec. 5.	proceeds 10,000 Charlestown 6s sold .	11,250 00
	interest 5 months 4 days . . .	256 67
1880.		
Jan. 1.	interest on 14,000 Arlington bonds, 6s .	420 00
	40,500 Brookline 7s . .	1,417 50
	13,000 Brookline 6s . .	390 00
	15,000 Charlestown 6s . .	450 00
	8,000 Woburn 6s . . .	240 00
	Amount carried forward	$104,797 11

	Amount brought forward		$104,797 11
1880.			
Jan. 1.	To interest on 3,000 New Hampshire 6s .		90 00
	1,500 Taunton 6s . .		45 00
	100 United States 4% .		1 00
	19,200 Brookline 6½% .		624 00
	6,500 United States 6% .		195 00
			$105,752 11

1879.			
Feb. 1.	By amount due on last year's account .		$25 74
July 11.	cost of $3,000 New Hampshire 6s, at $116½		3,487 50
	10 days' interest . .		5 00
18.	500 Brookline 7s, at 121 . .		605 00
	17 days' interest . .		1 65
23.	7,000 Brookline 6s, at 115¼ .		8,067 50
	22 days' interest . .		25 67
Oct. 1.	15,000 Brookline 7s, at 124 .		18,600 00
	3 months' interest . .		262 50
21.	3,500 Brookline 7s, at 124 .		4,340 00
	3 months' 20 days' interest,		74 86
Nov. 1.	rent at Union Safety vaults .		25 00
Dec. 5.	5,000 Brookline 7s, at 124 .		6,200 00
	5 months' 4 days' interest .		149 72
	5,000 Brookline 6s, at 112½ .		5,625 00
	5 months' 4 days' interest .		128 33
1880.			
Jan. 1.	2,000 Brookline 7s, at 124 .		2,480 00
31.	Treasurer's salary		50 00
			$50,153 47

By Town Notes paid this Year by the Town Treasurer.

State Mutual Life Insurance Company .	$5,000 00
Mrs. R. Lewis	4,000 00
Cape Ann Savings Bank	25,000 00
Amount carried forward . .	$34,000 00

Amount brought forward . .	$34,000 00	
Hopkinton Savings Bank . . .	5,000 00	
Commonwealth of Massachusetts . .	16,000 00	
		$55,000 00
		$105,153 47
By cash on hand uninvested		598 64
		$105,752 11

(E. and O. E.)

CHARLES D. HEAD,
Treasurer of Commissioners.

REPORT

OF

THE WATER BOARD

OF THE

TOWN OF BROOKLINE.

REPORT.

The Water Board herewith submit their annual report for 1879. Oliver Whyte was chosen Chairman at the annual meeting of the Board in April. There has been no change in the officers or employees connected with the works during the year. The term of service for which the members of the Board was elected will expire as follows: —

Oliver Whyte	1880
William J. Griggs	1881
Francis Hunnewell	1882

In accordance with the vote of the town, street-mains have been laid in Aspinwall, Brookline, and Heath Avenues, Sewall Street, and Chestnut, Harvard, and Kerrigan Places, as will be shown by the Superintendent's report annexed. There have also been laid seventy-two new service-pipes. A twelve-inch pipe has been laid around the reservoir, so that the water now enters the basin at a point opposite that at which it is discharged; but as the inlet and outlet pipes connect only a few feet from the reservoir, and are virtually but one pipe, no great advantage is derived.

All the water pumped for the town should be sent to the reservoir, and distributed from thence through the mains, thereby renewing the water constantly. As it now is, only the surplus over what is daily consumed finds its way to the reservoir, and is drawn therefrom only as the excess beyond what is being pumped is used throughout the town. In winter, when there is comparatively little water used, and the supply at the filtering-galleries is ample, the water can be changed often by filling the reservoir as rapidly as may be, and then, stopping the pumps, supply our consumers directly from the reservoir. But during the summer months the

amount used is very nearly up to that pumped, and there is little or no change in the contents of the reservoir sometimes for ten or twelve days. A separate and distinct outlet-pipe should be laid from the reservoir, through Boylston Street, to connect with the main in Cypress Street; and the pipes so arranged at the corner of Clyde and Warren Streets, that the water could be forced to the reservoir, and then distributed, or, as now, sent directly from the pumps through the distributing-mains.

Petitions have been presented for additional street-mains from the following-named parties: viz.,—

T. R. Shewell and others, for a main in Tappan Street.

John Keegan and others, for a main and hydrant in Ridgway Street.

J. W. Edgerly and others, for a main to supply houses at the lower end of Harrison Place.

Thomas McMahon and others, for the extension of the main in Kerrigan Place across the brook and railroad to the estates at the end of that place.

T. C. Brown, that a main be laid to supply his estate on Englewood Avenue.

On the petition of Shewell and others, the Board would advise the laying of a six-inch main from Beacon through Tappan Street, to connect with the main now in Davis Avenue, a distance of 4,100 feet, at an estimated cost of $5,826. This will supply all the buildings now on Tappan Street, and one to be erected the coming spring.

On the petition of Keegan and others, the Board would recommend a six-inch main from the main in Freeman Street through Ridgway Street, a distance of 250 feet, at an estimated cost of $430. These petitioners also ask for a hydrant near the corner of Freeman and Ridgway Streets, which would cost $75. But, as there are already five hydrants within a radius of 800 feet of that point, the Board do not think it of importance to have one placed there, and therefore do not recommend it.

On the petition of Edgerly and others, the Board advise laying a two-inch main, to connect with that now in Webster Place, for a distance of 450 feet, at an estimated cost of $281. This will supply all the buildings on Harrison Place not already accommodated by mains in Andem and Webster Places.

On the petition of McMahon and others, that the main in Kerrigan Place may be extended across the brook and railroad, the Board advise that it be done, the distance being but 90 feet, and the cost estimated at $85, and there being three houses which will be supplied.

The last three applications are for pipes in private ways; but as there will be quite an income from the estates served, and as the owners and abutters have signed a release to the town for any damages in consequence of laying the pipes and maintaining the same, the Board deem it judicious to ask the town for authority to grant the requests.

On the petition of T. C. Brown, the Board would represent that it would require the piping of about 2,000 feet of street, part of the distance through a ledge, and would cost a large amount, — some $4,200. And as there are but three houses, including Mr. Brown's, on the line, and the owners of two of them refuse to use the water if the pipes are laid, the Board do not feel justified in asking the town to assume so large an expense at present.

The Board intend to ask the town to pass the following vote: —

Voted, That the Water Board have authority to lay a six-inch main in Tappan Street, from Beacon Street, to connect with the main in Davis Avenue; also a six-inch main in Ridgway Street, from Freeman Street, for a distance of 250 feet; also a two-inch main in Harrison Place, from Webster Place, for a distance of 450 feet; and a two-inch main in Kerrigan Place for a distance of about 90 feet, — at an estimated aggregate cost of $6,622: and that the same be paid from the appropriation for the extension of the water-works.

As there have been extensive alterations and removals connected with the pumping-station during the past year, as will be shown by the report of the committee having that work in charge, the supply of water has been considerably interfered with, and for a long time the pumps were obliged to be run night and day to keep up the supply to the town. There has been as little as possible done in repairs or additions to the machinery, as it will have to be thoroughly overhauled and put in good order on its removal to the new station.

The new boiler, which the Board were authorized to purchase at

the annual meeting in 1879, has been constructed, and set in the new location, in accordance with the other work in charge of the above-mentioned committee.

During the latter part of the summer months a good deal of anxiety and uneasiness was felt by many of our citizens from the real or fancied tracing of an unusual amount of sickness to the impure quality of the water delivered from the works. In the month of October the new iron force-main, which is intended to be used in lieu of the former wooden conduit, having been placed in position, it was proposed that it should be employed temporarily as a suction-pipe to draw the water directly from the filtering-galleries while the new engine-house was building, and the new engine put in position ; and it proved a complete success, thereby allowing the water to be raised to some 24 feet, and along a level of about 3,000 feet, to the engine, which now delivers as pure, if not purer, water than is furnished by any other public works. The employment of this new suction-pipe has also given the Board control over all the water in the galleries, instead of being obliged, as heretofore, to leave some 30 inches of the most productive part of them unutilized when the pumps had reached their lowest limit of service. It also gives an opportunity to pass through and examine the galleries, which could not be done before the change. Shortly after this new main was put to this use, and the water lowered in the galleries, an examination was made, when it was found, that at or about the time they were constructed, in 1874, a portion of about 20 feet of the arch in the westerly one had fallen, and completely dammed the passage of the water for some 450 feet, thereby rendering nearly one-half the length of all the filtering-surface of little utility. The Board took immediate measures to have the break repaired, which necessitated a rebuilding of about 50 feet of the arch, and at the same time had the galleries thoroughly cleansed ; all at an expense of $406.75. We have also repaired the two man-holes on the line of the galleries, and built a new one ; and we consider that that division of the works is now in good condition, except that the eastern and western galleries are still connected by a wooden conduit, 389 feet in length, which we must look upon as a temporary affair, to be replaced by a suitable filter-gallery as soon as it is practicable.

The Board would call the attention of the town to the fact that before long the demand for a high service will become imperative. Already dissatisfaction exists at the irregular and insufficient manner in which the water is supplied to some estates on a line so near our highest limit or level, that it is impossible to give them a constant supply throughout the buildings without running the pumps in an injudicious and extravagant manner, while others can only receive the water in the basements, and others still are wholly debarred the taking of the water. And, as the various highlands throughout the town are built upon, means must be provided to furnish the water to such localities. This, in the judgment of the Board, can only be accomplished by pumping the water to a standpipe placed on as high a point as the summit of Corey's Hill, and a system of mains laid independent of those at present in use, as they do not consider it would be safe to bring any more strain on pipes now laid; for in some places the pressure is now more than 100 pounds to the inch.

The necessity for frequent communication between the office at the Town Hall and the pumping-station, and the great difficulty in keeping the telegraphic instruments in order, together with the objection that it requires an expert to receive and despatch a message, induced the Board to have attached to the wires a telephone by which any one can carry on a conversation between the two points; and it has already proved a great convenience, and saved much time and trouble.

Since the foregoing report was prepared, and the estimates made for the appropriations for the ensuing year, a petition has been received from Henry E. Raymond and others, asking that a street-main be laid in Goddard Avenue. An estimate of the cost of this has been prepared by the Superintendent, and ascertained to be about $6,500; a considerable part of the distance to be excavated being ledge. On account of this great expense, enhanced by the present enormous increase in the price of iron pipe, the Board do not advise the laying of this main the present year.

For the purpose of laying such street-mains as are petitioned for, and which the town may decide to have laid during the coming year, together with the expense of putting in service-pipes and other work incidental to the extension of water-works, the Board would

ask for an appropriation of $8,000, and, for the maintenance of water-works, $7,600.

The following statistics are compiled from the books of the Water Registrar: —

WATER-TAKERS.

Families	1,162
Public boarding-houses	4
Private hotels, 4; containing families	27
Stores and shops	55
Public stables	9
Private stables	122
Greenhouses	26
Bakery	1
Gas company	1
Halls	2
Railroad-stations	4
Town buildings	10
Churches	4
Printing-office	1

REVENUE COLLECTED.

1878.

From private consumers	$10,547 28
Rent of engineer's house	200 00
Sale of pipe	62 18
Sale of old material	6 78

TOWN OF BROOKLINE.

*Highway Department	2,030 00
*Fire Department	3,700 00
*Schoolhouses	45 00
Amount carried forward	$16,591 24

* These items are credited to the water account, and charged to the various departments enumerated, for use of water, by authority of a vote of the town, passed April 10, 1877.

Amount brought forward	$16,591 24
*Police-station	11 00
*Town Hall	56 00
*Public Library	18 00
	$16,676 24

1879.

From private consumers	$11,598 99
Rent of engineer's house	200 00
Sale of pipe	78 59
Sale of old material	6 83

Town of Brookline.

*Highway Department	2,028 00
*Fire Department	3,833 00
*Schoolhouses	78 00
*Police-station	28 50
*Town Hall	56 00
*Public Library	18 00
	$17,925 91

CONSTRUCTION ACCOUNT.

Expended to Feb. 1, 1879 (see last report)		$510,487 22
Expended from Feb. 1, 1879, to Feb. 1, 1880, as follows: —		
On account of street-mains	$1,711 26	
service-pipe	853 42	
reservoir	301 04	
new boiler	2,000 00	
hydrants and gates	214 87	
stand-pipe	21 90	
miscellaneous	31 85	
		5,134 34
Amount carried forward		$515,621 56

* These items are credited to the water account, and charged to the various departments enumerated, for use of water, by authority of a vote of the town, passed April 10, 1877.

Amount brought forward		$515,621 56

To this should be added, as part of the construction account, cash paid from water receipts.

FOR THE YEAR ENDING FEB. 1, 1878.

Cash paid Hon. William Gaston, for legal services . . .	$1,500 00	
Charles H. Drew, for legal services	1,048 10	
M. M. Tidd, for legal services,	329 00	
Moses Williams, jun., for legal services	234 55	
J. M. W. Yerrington, reporting arguments	211 63	
J. C. Withington, reporting arguments	20 00	
I. R. Scott, attending at hearing	60 00	
F. W. Bacon, witnesses' fees .	25 00	
C. Herschell, civil engineering services	201 05	
E. S. Philbrick, civil engineering services . . .	175 00	
Shedd & Sawyer, engineering services	30 00	
J. E. Robinson, one day testing at Cow Bay . . .	25 00	
Stone & Goodspeed, carriage-hire	39 00	
		3,898 33

FOR THE YEAR ENDING FEB. 1, 1879.

Cash paid S. Dana Hayes, assayer and chemist, professional services	$152 96	
Amounts carried forward . .	$152 96	$519,519 89

Amounts brought forward . .	$152 96	$519,519 89
Cash paid Charles H. Drew, for legal services in two suits of Aaron D. Weld and the suit of Enoch Joy against the town, embracing answers, court, trial of cases before the Commissioners (six days), and preparation of a written argument upon the law after the trials	325 00	
Charles H. Drew, on account of payments of fees of witnesses and services of subpœnas and of services in suit of Mary W. Gardner against the town	400 00	
witnesses and services of subpœnas	52 25	
Patrick O'Neill, for land damages	225 00	
Roland C. Lincoln, for legal services in the case of Mary W. Gardner *v.* town of Brookline, rendered at the request of Charles H. Drew, Esq., before and during the two trials of said case, in preparation of testimony in investigation of law, and in taking testimony between March 18 and March 23 (first trial), and between April 1 and April 27 (second trial); amounting in all to about twelve days . . .	200 00	
Amounts carried forward . .	$1,355 21	$519,519 89

Amounts brought forward . .	$1,355 21	$519,519 89
Cash paid Edward S. Philbrick, civil engineer, for professional services in suit of Gardner *v.* town	100 00	
		1,455 21

For the Year ending Feb. 1, 1880.

Paid Moses Williams, jun., attorney for Aaron D. Weld, on execution for land damages and costs . .	$957 64	
Moses Williams, jun., attorney for Aaron D. Weld, on execution for land damages and costs . .	453 90	
Moses Williams, jun., attorney for Enoch Joy, on execution for land damages and costs . . .	544 29	
Charles H. Drew, legal services .	25 00	
Morse & Stone, attorneys for Mary W. Gardner, on execution for land damages and costs . .	9,607 56	
on execution in cases of mill-owners on Charles River . . .	23,626 06	
Water bonds issued to defray the cost of moving pumping-station to Cow Island, &c.	35,000 00	
		70,214 45
Total		$591,189 55

MAINTENANCE ACCOUNT.

From Feb. 1, 1879, to Feb. 1, 1880.

Pumping expenses, wages, oil, &c. . . .	$2,301 03
Fuel	1,506 11
Repairs, engine, boiler, furnace, &c. . . .	246 55
Repairs, service-pipes	17 58
Amount carried forward	$4,071 27

Amount brought forward	$4,071 27
Repairs, street-mains, hydrants, gates, and care of,	247 21
Repairs, reservoir, and care of	24 61
Repairs, filtering-gallery, conduit, and force-main .	392 65
Repairs, engine-house	50
Salaries and office expenses	1,417 48
Miscellaneous	573 67
	$6,727 39

ESTIMATES FOR MAINTENANCE FOR 1880.

Pumping expenses, wages, oil, &c. . . .	$2,400 00
Fuel	2,000 00
Repairs of engine, boiler, furnace, &c. . . .	700 00
Salaries and office expenses	1,500 00
Repairs of street-mains, hydrants, and gates; repairs of reservoir, filtering-gallery, conduit, and force-main; repairs of service-pipe . . .	400 00
Miscellaneous	600 00
	$7,600 00

OLIVER WHYTE,
F. HUNNEWELL,
W. J. GRIGGS,
Brookline Water Board.

BROOKLINE, Feb. 17, 1880.

REPORT OF THE SUPERINTENDENT.

To the Brookline Water Board.

Gentlemen, — I have the honor to present herewith the annual report of the Superintendent for the year ending Feb. 1, 1880.

EXTENSION OF STREET MAINS.

In addition to laying and calking the mains, as has been the custom in past years, the town did all the trenching, with favorable results.

The list of streets and private ways in which the water-pipe has been laid, with cost of each, is as follows: —

Six-inch Mains.

Heath Avenue, from Boylston Street, a distance of 447.5 feet. Total cost	$420 83
Aspinwall Avenue, from corner of Toxteth Street towards Brookline Avenue, a distance of 432.5 feet. Total cost	333 13
Brookline Avenue, from corner of Pearl Street towards Boston line, a distance of 593 feet. Total cost	577 61
Sewall Street, from Chestnut Street, a distance of 274 feet. Total cost	259 67

Two-inch Mains.

Harvard Place, from Harvard Street, a distance of 294 feet. Total cost	109 99
Chestnut Place, from end of pipe as before laid to end of place, a distance of 453 feet. Total cost	135 94
Kerrigan Place, from Boylston Street, a distance of 155 feet. Total cost	105 59

SERVICE-PIPE.

All the work in this department was done by the employees of the town, and in as thorough a manner as possible. Tar-coated iron pipe was used for the larger number of the services: but, from experience gained during the past year, it is to be feared

that a great many, if not all, the iron service-pipes will rust up in the near future, as our water is very destructive to iron; and with this result in view lead pipe was used the latter part of the season in a few cases where a long-continued use of the water was seemingly insured. The number of service-pipes laid the past year was 72, costing $696.58, — an average of $9.67 each; making total number to date, 910. Of these, 857 are now open, and 53 shut off, — a gain of 82 services in actual use.

LEAKS.

At no previous time has our record of leaks been as small, and so little difficulty experienced in repairing them. The number in street-mains was 12, costing $41.13; in force-main, 3, costing $57.53; in service-pipe, 7, costing $33.23: making total number of leaks 22, and total cost $131.89. No leak has occurred in any pipe laid by employees of the town to date, with one exception, where a service-pipe was injured by a heavy team driving over the wrench-tube.

HYDRANTS.

But slight repairs have been made on the hydrants, only six valves having been renewed. The largest item of expense in their maintenance was the inspection, it being necessary to examine those in parts of the town as often as once a week. All are now in good order.

RESERVOIR.

The inlet-pipe has been carried to the dam opposite the outlet, thus causing more circulation, and consequently keeping the water in a purer state.

The expense of this improvement was $343.67.

The care of the grounds of the reservoir consisted chiefly in keeping the walk around it clear of weeds; and in fact there is not much encouragement to do more as long as the surrounding grounds are in such an unfinished condition.

The reservoir was drawn off last May, and carefully cleaned. Every thing connected with the working of the reservoir is in as good state of efficiency as at any previous time.

CONSUMPTION OF WATER.

Since the pumps were connected with the new works, it has not been necessary to blow off nearly as often at the dead ends, and very few takers have made complaints. The large consumption for October was owing to the great amount of water used in flushing the street-mains, the plan being to clean them thoroughly as soon as the old conduit should be abandoned, which was done in October.

The increase in consumption was about in proportion to increase in number of water-takers.

I subjoin the following tables showing the record of consumption, location of hydrants, gates, &c.

All of which is respectfully submitted.

F. F. FORBES, *Superintendent.*

	Average Daily Consumption.		Total Consumption.	
	1878.	**1879.**	**1878.**	**1879.**
February . .	344,234	395,285	9,638,543	11,067,944
March . .	374,051	365,717	11,595,585	11,337,240
April . .	565,268	376,806	16,958,048	11,304,174
May . . .	477,614	566,025	14,806,042	17,546,783
June . . .	520,330	570,998	15,609,925	17,129,853
July . . .	744,601	568,342	23,082,633	17,618,622
August . .	498,022	599,689	15,438,693	18,590,379
September .	508,148	474,658	15,244,447	14,239,754
October . .	420,240	606,372	13,027,439	18,797,534
November . .	354,823	455,369	10,644,681	13,661,085
December . .	337,566	421,697	10,464,559	13,072,601
	1879.	**1880.**	**1879.**	**1880.**
January . .	401,165	471,341	12,436,099	14,611,576
Total . .	–	–	168,946,694	178,977,545

LOCATION OF PIPE.	DIAMETER OF PIPE.							
(1st), as stated in former reports, —	12 to 16 inch.	10 inch.	8 inch.	6 inch.	2 inch.	1½ inch.	1¼ inch.	1 inch.
Force-main, engine-house to stand-pipe	14 inch 9,070	–	–	–	–	–	–	–
Main, from stand-pipe to reservoir	16 inch 13,456	–	–	–	–	–	–	–
Street-mains, as per former report	12 inch 11,162	1,864	15,723	70,203	6,965	2,193	426	438
(2d), laid since former report, —								
Heath Avenue	–	–	–	447	–	–	–	–
Aspinwall Avenue from Toxteth Street	–	–	–	433	–	–	–	–
Brookline Avenue from Pearl Street	–	–	–	593	–	–	–	–
Sewall Street from Chestnut Street	–	–	–	274	–	–	–	–
Harvard Place	–	–	–	–	294	–	–	–
Chestnut Place	–	–	–	–	453	–	–	–
Kerrigan Place	–	–	–	–	155	–	–	–
Total to date	33,688	1,864	15,723	71,950	7,867	2,193	426	438

Total, 134,149 feet, or $25\frac{2149}{5280}$ miles.

LIST OF HYDRANTS.

Number of hydrants set, as per last report, 148.

The following have since been set in 1879 : —

One on Brookline Avenue, about 100 feet below Pearl Street.
One at end of pipe on Heath Avenue.
One on Boylston Street, near P. Duffy's shop.
One on Boylston Street, corner of Kerrigan Place.
One on Boylston Street, near C. O'Hearn's house.
One on Boylston Street, near Neal's carpenter-shop.

Total number to date, 154.

LIST OF STOP-GATES SET IN 1879.

One 6-inch gate on Brookline Avenue, corner of Pearl Street.
One 6-inch gate on Boylston Street, near Heath Avenue.
One 6-inch gate on Sewall Street, corner Chestnut Street.
One 2-inch gate, corner of Harvard Street and Harvard Place.
One 2-inch gate, corner of Boylston Street and Kerrigan Place.

WATER-CART FEEDERS.

Number, as per last report, 17.

None have been set during the past year.

DRINKING-FOUNTAINS SET.

One in Harvard Square.
One on Boylston Street, near Duffy's shop.
One on Boylston Street, corner of Brighton Avenue.
One on playgrounds, Cypress Street.

List of tools and materials on hand Feb. 1, 1880, is on file at office, Town Hall.

REPORT OF ENGINEER.

Pumping-Station, Brookline Water-Works,
Feb. 15, 1880.

To the Brookline Water Board.

Gentlemen,—I have the honor to present the report of the Engineer for the year ending Feb. 1, 1880.

Pumping-engine No. 1 has performed its duty admirably, and

without the slightest accident, since it was erected in 1875. It was shut down on the 13th inst. to prepare it for removal to the new pumping-station.

Early in October the old wooden conduit was abandoned, and the new 16-inch force-main, which is laid across the swamp, was, by direction of the Board, connected to the pumps, and used as a temporary suction-pipe. A vacuum-chamber, 12 feet in height and 16 inches diameter, was placed on this pipe close to engine-house, and connected by a $\frac{3}{4}$-inch valve and pipe to condenser of engine. By regulating the amount of opening of this valve, the water in the vacuum-chamber was held, when pumping, at a level of 31 feet above the surface of water in pump-well, and 7 feet above force-valves on pumps. The length of this suction-pipe is about 2,900 feet, and is, I believe, the longest suction-pipe on record. Water was first drawn through it Oct. 9, the engine working smoothly and noiselessly at a speed of from fifteen to sixty strokes per minute.

The new engine and boiler are in position and ready to work. The boiler is 16 feet long by 5 feet 6 inches diameter, and $\frac{3}{8}$ inch in thickness. It contains 94 $3\frac{1}{2}$-inch tubes. Eight feet of lower half of shell is steel. Steam-dome is 30 inches high by 30 inches diameter. The boiler-front is of the Walworth Manufacturing Company pattern, and is fitted up with finished brass pipe and fittings, which give it a handsome appearance. The boiler is supplied with water by a Hancock inspirator.

The new engine is a Worthington 4-cylinder expanding pumping-engine. The high-pressure cylinders are 14 inches in diameter; low-pressure cylinders, 20 inches; and plungers, 12 inches. Length of stroke, $14\frac{1}{2}$ inches. The contract capacity of the engine is one million gallons in twenty-four hours; but it can easily pump a million and a quarter. It was satisfactorily started on the 12th inst., and will, after connecting it to force-main, be put in operation to supply the town with water until the old engine is moved.

I subjoin the following tables showing engine record and pumping expenses.

Respectfully submitted.

RICHARD J. FLINN,

Engineer.

ENGINE RECORD FOR YEAR ENDING FEB. 1, 1880.

Months.	Separate Days' Pumping.	Hours' and Minutes' Work.		Pumping Time per Day.		Strokes per Minute.	Total Head against Pump.	Total Gallons pumped.	Gallons pumped per Pound of Coal.	Coal Value of Total Fuel.	Duty in Pounds of Water raised One Foot high per 100 Pounds of Coal.
		Hrs.	Min.	Hrs.	Min.						
1.	2.	3.		4.		5.	6.	7.	8.	9.	10.
1879.											
February	17	159	20	9	22	44.2	188.050	9,290,248	330	28,136	51,785,043
March	22	230	15	10	28	45.2	189.884	13,736,096	345	39,764	54,705,032
April	19	168	15	8	51	46.2	188.196	10,270,744	330	31,164	51,727,936
May	23	349	40	15	12	35.9	187.972	16,587,296	346	47,958	54,221,777
June	26	311	20	11	58	44.3	190.378	18,224,624	333	54,734	52,866,925
July	25	361	55	14	29	40.1	187.539	19,159,184	323	59,331	50,507,164
August	27	421	25	15	36	35.2	184.123	19,605,784	328	59,811	50,335,831
September	16	296	50	18	33	31.7	180.977	12,408,352	344	36,083	51,904,009
October *	26	578	20	22	15	24.9	174.650	18,987,408	330	57,551	48,055,981
November *	25	309	35	12	23	32.9	180.145	13,440,768	290	46,500	43,426,957
December *	26	256	05	9	51	40.9	183.687	13,822,160	277	49,908	42,427,772
1880.											
January *	27	302	55	11	13	41.5	184.318	16,605,160	297	55,968	45,607,585
Totals and averages	279	3,745	55	13	26	36.8	184.993	182,137,824†	323	566,908	49,797,668
Deduct one per cent for loss of action in pumps	–	–	–	–	–	–	–	180,316,445	320	–	49,299,691

* Pumping through long section-pipe; weight of coal and wood estimated. † Number of gallons pumped through blow-off during the year, 20,352,288.

PUMPING EXPENSES FOR 1879.

Salaries of engineers, firemen, and extra labor; repairs and additions to engine and boiler, and small supplies	$2,053 96
$153\frac{853}{2240}$ tons coal, at $6.18 per ton	947 89
$132\frac{739}{2000}$ tons coal, at $5 per ton	661 35
12,354 lbs. wood, at $7 per cord	48 54

Pumping through Blow-off.

Salaries, &c.	247 07
$9\frac{1585}{2240}$ tons coal, at $6.18 per ton	59 99
$12\frac{1220}{2000}$ tons coal, at $5 per ton	63 05
8,160 lbs. wood, at $7 per cord	30 58

Heating Building.

$11\frac{370}{2000}$ tons coal, at $5.25 per ton	59 69
1,552 lbs. wood, at $7 per cord	5 82
	$4,177 94

	1878.	1879.
Cost of raising one million gallons into reservoir	$22 33	$22 95
Cost of raising one million gallons one foot high	0 $11\frac{47}{100}$	0 $12\frac{41}{100}$
Deducting cost of blowing-off, we have, —		
Cost of raising one million gallons into reservoir	$20 44	$20 75
Cost of raising one million gallons one foot high	0 $10\frac{51}{100}$	0 $11\frac{22}{100}$

TWENTY-THIRD ANNUAL REPORT

OF THE

TRUSTEES OF THE PUBLIC LIBRARY

OF THE

TOWN OF BROOKLINE.

BOARD OF TRUSTEES.

	Term expires.		*Term expires.*
THOMAS PARSONS	1880.	WILLIAM ASPINWALL	1881.
R. G. F. CANDAGE	1880.	HOWARD N. BROWN	1881.
JAMES P. FARLEY, JR.	1880.	CHARLES D. HEAD	1882.
THOMAS H. TALBOT	1880.	GEORGE M. TOWLE	1882.
AUGUSTINE SHURTLEFF	1881.	JAMES M. CODMAN	1882.
CHARLES H. DREW	1881.	B. F. BAKER	1882.

OFFICERS.

President.

THOMAS PARSONS.

Secretary. CHARLES H. DREW.

Treasurer. CHARLES D. HEAD.

Committee on the Library.

AUGUSTINE SHURTLEFF. JAMES M. CODMAN. WILLIAM ASPINWALL.

Committee on Finance.

B. F. BAKER. R. G. F. CANDAGE. JAMES P. FARLEY, JR.

Librarian.

MISS MARY A. BEAN.

Assistants.

MISS AMELIA A. WOODS. MISS CLARA A. WOODS.

Janitor.

WILLIAM D. MORRISON.

The library is open every secular day throughout the year except the five legal holidays, viz. — Feb. 22, Fast Day, July 4, Thanksgiving Day, and Christmas.

HOURS — from 9 A.M. to 9 P.M.

TRUSTEES' REPORT.

The Trustees submit their twenty-third annual report, together with the report of the treasurer of the board, and that of the librarian.

Those of our citizens who take an interest in knowing what becomes of the annual appropriation made by the town, and of the revenues derived from the Gardner and Hall Funds, and how much benefit the public derives from the expenditure, will find in these carefully prepared documents the information they may desire.

The general condition of the books is satisfactory. The thorough overhauling and cleaning of dirty and defaced books last year, and the enforcement of fines for scribbling and mutilation, have helped to produce this result.

The library-building is in good order, and requires only a small sum at present to preserve it in the way of usual annual repairs.

The continued usefulness and benefit to the people, of our Public Library, is evident from the large number of books in circulation, and the increase of the number of takers of books; and the reading-room, this year, has been more resorted to.

Many valuable standard works have been purchased from the income of the Gardner and Hall Funds, as will be seen in the librarian's report.

The total number of books now in the library is 24,018.

Circulation for the year, 53,094.

Accessions for the year, 1,093 volumes and 311 pamphlets.

The library needs very much a supplement to the catalogue. The present catalogue, printed in November 1873, contains the titles of nearly sixteen thousand volumes, which is about two-thirds of the number now in the library. We have a consulting interleaved catalogue, in manuscript, of all the books, but this will rapidly wear out, besides being inconvenient to consult. The estimated cost of a supplement is a thousand dollars for preparing

and printing. In the opinion of the Trustees it would be better to set about this work now, and we ask the town for an appropriation of a thousand dollars for this purpose.

We would call attention to the report of the librarian, which is quite full in detail in regard to the administration of the library.

The work of carrying on this department requires skill, as well as patient and continuous attention, and we have every reason to be satisfied with the faithful services of the librarian and assistants.

The Gardner Fund, concerning which some anxiety was expressed in the last report, has been paid over without loss of either principal or interest. It has been so judiciously re-invested, that its securities stand to-day at a premium, — a result which the Trustees are sure will be as gratifying to the town as it is to the board.

The Trustees feel that the aim of the Brookline Public Library should be in the future, as it has been in the past, to stand in the front rank of institutions of its class.

It has always received liberal support from the town, and from private citizens. If it fails in maintaining its just rank, or in being, in the broadest sense of the word, a good to the townspeople, the fault must lie with the board itself.

Progress means change. What is now seemingly the best will doubtless be improved upon in years to come.

The Trustees, therefore, would welcome the kindly criticism of their fellow-citizens in the conduct of their trust. The thoughtful suggestions of all friends of the library will always engage the serious consideration of the board.

(Signed) THOMAS PARSONS.
CHARLES D. HEAD.
AUGUSTINE SHURTLEFF.
R. G. F. CANDAGE.
GEORGE M. TOWLE.
JAMES M. CODMAN.
CHARLES H. DREW.
HOWARD N. BROWN.
JAMES P. FARLEY, Jr.
WILLIAM ASPINWALL.
BENJ. F. BAKER.
THOMAS H. TALBOT.

TREASURER'S REPORT, 1879-80.

BROOKLINE PUBLIC LIBRARY IN ACCOUNT WITH CHARLES D HEAD, TREASURER.

CR.

FEB. 1, 1880.

By balance on hand from last year	$637 15	
Amount of appropriation by town	4,000 00	
Fines and catalogues	67 37	
School Committee, two-thirds cost of catalogues for children's books	50 00	
Interest from Hall Fund	300 00	
Interest from Gardner Fund	793 33	
		$5,847 85

DR.

To amount paid for salaries of Assistant Librarians	1,200 00	
Janitor	600 00	
Miss Ames, interleaving catalogues	180 00	
Miss Morrison, cleaning books	51 00	
Miss Cowan, cleaning books	12 00	
Books	1,190 66	
Printing	180 00	
Binding	484 07	
Papers and magazines	373 90	
Stationery	82 73	
Labor and sundries	213 35	
Amount carried forward	$4,567 71	

Amount brought forward . . .	$4,567 71	
To Coal	119 75	
Gas	399 30	
Express	44 75	
Ice (for 18 months)	27 00	
	$5,158 51	
Amount on hand to credit of new account .	689 34	
		$5,847 85

Received from A. Cheney amount loaned on mortgage at Swampscott $10,000 00

GARDNER FUND.

Lent Mrs. G. Gray on mortgage at Swampscott, at 7 per cent	$6,800 00	
Bought 31 shares Old Colony Railroad, at $101½	3,146 50	
Amount uninvested	53 50	
		$10,000 00

HALL FUND.

Lent G. S. Hillard on mortgage of house, No. 62 Pinckney Street, at 6 per cent $5,000 00

(E. and O. excepted.)

CHARLES D. HEAD,
Treasurer.

BROOKLINE, Feb. 2, 1880.

BROOKLINE, Feb. 14, 1880.

This certifies that I have examined the above-named securities and account with vouchers, and find the same correct, and the balance to be six hundred and eighty-nine dollars and thirty-four cents ($689.34).

R. G. F. CANDAGE, *Auditor.*

LIBRARIAN'S REPORT, 1879-80.

Brookline, Feb. 2, 1880.

To the Trustees of the Brookline Public Library.

Gentlemen, — My eighth annual report is herewith respectfully submitted, embodying the leading facts and statistics for the official year ending Jan. 31, 1880, as shown by the library records.

The uniformity of library work, and consequently of its history, from year to year, makes it quite impossible to avoid wholly a stereotyped form of report, which fact must be my apology for any lack of freshness observed in the present one.

The retrospect of the year now under consideration reveals nothing out of the ordinary current of events. The working condition of the library has preserved the same satisfactory showing as in previous reports; the growth of its various departments has been steady and wholesome, affording increased facilities for usefulness; while the daily tide of circulation has ebbed and flowed with a regularity and certainty that leaves no doubt as to the popular appreciation and use of the library.

A somewhat careful observation of this circulation indicates that its character has changed for the better in several ways, notably in a diminution of the demand for juvenile fiction, in an increased tendency to turn the general and special resources of the library to practical account for purposes of study and research, and in an improved standard of general reading. These indications are certainly hopeful, and promise the best results both to the library and to the public.

Condition of the Library.

The library, which now numbers more than 24,000 volumes, has never been in so good condition to fulfil its highest ideal, not only

as a dispenser of recreation and amusement, but as a powerful ally of our school system and an educator of the people.

Its alcoves are liberally supplied with standard works in nearly every department of general literature and learning, and the whole collection is as well preserved as the constant circulation will admit.

Let it not be inferred, however, that the library has attained perfection, and stands in no further need of improvement. No library can reach that happy state, since it must grow perpetually in order to do its best work. The truth in regard to our own library is, that, while the shelves are so well stored with carefully selected books, they still show many deficiencies which, it is hoped, the future will supply.

The year's record compares favorably with those past in point of growth and preservation. The addition of 1,093 volumes increases the contents of the library to 24,018, all being in general use, except 1,547 dulplicates.

The effect of the daily examination of incoming books has been, not only to check the special mischief against which it was directed, but also to secure more careful usage of books in general at the hands of borrowers. These results are proved by the facts that fewer volumes have been withdrawn on account of wear and tear, and that a much smaller number than usual has passed through the bookbinder's hands. Still further corroboration lies in the fact that less than fifty cases of abuse have been reported and dealt with, — none of them of the more flagrant type, and in many instances only requiring a word of caution or a slight reprimand. Twenty-seven persons, however, have paid fines either for mutilation or marking of books, these fines amounting to $12.26.

Nine volumes have also been replaced at the expense of their respective borrowers, in accordance with the library regulation respecting lost or permanently injured books.

Accessions.

The present report cannot exhibit the exceptional figures of last year's accessions, although the average yearly increase has been fully kept up. An occasional excess of additions, like that last reported, is due to an unusually large supply of gifts. This rarely occurs on consecutive years, therefore the present statistics suffer somewhat by comparison.

The accession catalogue registers the purchase of 667 volumes, 7 pamphlets; and the gift of 274 volumes, 304 pamphlets, and 653 numbers of unbound magazines and papers, not including those gifts of current serials which are regularly received and entered in the periodical accession book, and counted as volumes after having been bound. The binder's schedules record 90 additional volumes of bound periodicals, and 62 volumes of newspapers, which, with the purchases and gifts, make a total increase of 1,093 volumes, 311 pamphlets, and 653 miscellaneous numbers.

The usual characteristics of our annual purchases are noticeable in the predominance of works of permanent worth and interest. One important and progressive step has been the purchase of the latest editions of several of the principal encyclopædias for the reference department, and the transfer of the earlier editions to the general library for circulation. Prominent among them must be mentioned "Chambers's Encylopædia," revised edition, and the ninth edition of "The Encyclopædia Britannica" (Scribner). The latter was bought for home use, since the same edition, published by Little, Brown, & Co., already belongs to the reference library.

Many other interesting and valuable works deserve notice, but must be passed with a simple reference to the appended lists of special and general accessions.

There has never been a year within the history of the library when its friends have not added materially to its supplies by timely and repeated acts of generosity. The past year proves no exception to the rule, but has the same pleasant record to make, as may be seen by reference to Appendix A, wherein it appears that the ladies have taken the lead in large contributions. Among the noteworthy examples may be cited Mrs. Cabot's contribution of theological and religious works; Miss Deane's gift, consisting of a variety of useful and curious books; Miss Nickerson's collection of books and unbound periodicals; and the late Miss Harriet Woods's files of educational magazines.

It would be an agreeable task to enumerate other gifts of the year, but the limits of the report will not permit. Before the subject is dismissed, it may be well to add that the newspapers presented by Dr. R. M. Hodges last year have been bound agreeably to the terms upon which they were offered, making sixty volumes all told.

A complete set of "The Radical," given by Mr. C. K. Whipple on similar conditions, has also been bound and placed upon the shelves.

Circulation.

The library year included 307 working-days, during which time 50,435 volumes were delivered for home use, and 2,659 volumes for use in the library; making the entire circulation 53,094, at an average of 173 per day. During the busiest season, from January to April, the average ran much higher, culminating in the week ending March 1, 1879, when the delivery for home use alone reached the rate of 239 per day; that week's total issue amounting to 1,437 volumes. The largest single day's issue numbered 357 volumes, and was recorded one week later, or March 8, 1879.

This circulation of 53,000 and upwards is in account with 4,359 registered borrowers, represented by as many cards; although it is certain that not more than two-thirds of these cards are in actual service, and probably not more than one-half are in constant use for the entire year.

The only loss incident to this large circulation is that of two novels, both easily replaced at a trifling cost. In each case the books were loaned to persons whose sense of duty failed to prompt the return of borrowed property when their transient residence in town ended.

Postal notices have been sent to 3,194 persons for the detention of books over time, the fines thereon amounting to $122.53.

Library Work.

A close following of the foregoing facts and statistics will have proved that the year has been a busy one, requiring steady application to the routine work of each department in order to secure the clear record, finished to date.

The circulation and daily examination of books have involved the handling of more than 159,000 volumes. The covering and labelling of books add nearly 9,000 more, which, with the books scheduled to the binder, and the volumes of pictorial papers supplied at the desk, make a showing of over 170,000 volumes that have passed through the hands of the library assistants, and it gives me pleasure to report that these duties have been most faithfully performed.

Beyond the accomplishment of the regular duties of my own department, the special work of supervising the printing of the School-list has been attended to; and the indexing, assigned to me for the new edition of Poole's "Index to Periodical Literature," has been carried forward whenever opportunity offered, and has nearly reached completion.

Other extra work of the year has been the preparation of a new interleaved catalogue by Miss Ames. This catalogue, which contains all the accessions for the past six years, revised and alphabetically arranged, must soon become our sole reliance for desk service, until an appropriation for the supplement can be obtained.

Catalogues.

The condition of our catalogues was fully reported last year, and the necessity of a printed supplement clearly shown. It is therefore needless to say that the status of affairs has not been improved by another year's accessions, and that the same urgent appeal holds good for the present report.

The expedient of the new interleaved catalogue will only afford temporary relief, and, judging from the usage of former desk catalogues, can scarcely be made to do a whole year's service.

It will perhaps be remembered that my last report referred to the preparation of a catalogue for the guidance of school-children in their choice of books. This catalogue entered upon its mission shortly after the publication of the report; and it is gratifying to learn that it has met the cordial approbation and support of many parents and teachers.

Although not disseminated among the pupils as widely as might be wished, there are yet evidences that it has been faithfully used by no inconsiderable number of them with beneficial results; as I learn from a teacher most interested in the matter, that a marked improvement has been observed in the reading of those classes where its use is most general.

If an imperfectly tried experiment can show such encouraging results, what might we not expect from a more thorough test of the merits of the catalogue?

The usual bulletins continue to be published monthly, and are used freely in the library; but are very rarely purchased for home use, where one would suppose they would be most serviceable.

The seventh annual list of additions appears with this report, but somewhat changed in the method of its arrangement, a partial classification being substituted for the former single alphabetical arrangement by authors. I think that this change will render consultation easier and more satisfactory, and therefore submit it in the hope that it will meet general approval.

Looking over the ground covered by this report, it will be evident to every unprejudiced mind that the library has done much effective work, with fair promise of greater activity as a more widely spread knowledge of its capacity for helpfulness becomes general.

MARY A. BEAN,
Librarian.

APPENDIX

TO

LIBRARIAN'S REPORT.

1879-80.

APPENDIX A.

ACCESSIONS BY GIFT.

NAMES OF GIVERS.	VOLS.	PAMS.	NOS.
American Unitarian Association. *Unitarian Review* for 1879			12
Andover Memorial Hall Library		1	
Aspinwall, *Hon.* William		1	
Atkinson, Edward		1	
Baetz, Henry		1	
Baker, B. F.	1		
Barnard, *Rev.* Charles F.		4	
Bean, John D.	2		
Bibliothèque Nationale		1	
Boston Athenæum Library. Report		1	
Catalogue, pp. 2103–2198			
Boston Public Library. *Bulletins, etc.*	1	6	
Bowditch, William I.		4	
Bowman, A.		4	
Bradlee, *Rev.* C. D.	30	12	8
Brookline Woman's Christian Temperance Union		2	
Bunker Hill Monument Association	3		
Burchard, *Hon.* Horatio C.		6	
Burgett, Henry W.	1		
Burlington, *Vt.* Fletcher Free Library		1	
Cabot, *Mrs.* Elizabeth	58		
Candage, *Capt.* R. G. F.	2	1	
Also: — *The Independent* for 1879			
Chandler, Alfred D.	2		1
Chase, Walter G. *Harvard Echo. Dec.*, 1879–*Feb.*, 1880			
Chase William L.		1	
Also: — *The Nation.* (*Odd numbers*)			74
Christian Register Association. *Christian Register* for 1879			
Cleveland Public School Library		1	
Cobden Club. (*London.*) *Reports and Broadsides*		5	
Concord Free Library		1	
Crunden, Fred. M.		1	
Deane, *Miss* A. W.	92	30	
Fall River Public Library		1	
Gould, Arthur C.	3		

NAMES OF GIVERS.	VOLS.	PAMS.	NOS.
Green, Samuel S.		1	
Gross, W. Y.		51	
Guild, *Miss* E. Q.		2	
Hartford Library Association		3	
Haverhill Public Library		1	
Henderson, Charles A.	1		
Howard, Henry, *Secretary of Boston Marine Society*		2	
Industrial League		1	
Knox, John J.		1	
Lancaster Public Library		1	
Lawrence Public Library. *Bulletins, etc.*		5	
Little, Brown, *& Co.*	1		
Lowell City Library		1	
Lynn Public Library		1	
McPhail, H. A. C.		1	
Manchester City Library		1	
Massachusetts, Commonwealth of	4		
Massachusetts State Library		1	
Massachusetts Society for the Prevention of Cruelty to Animals. *Our Dumb Animals*			8
Natick, *Mass.* Morse Institute Library		1	
New Bedford Public Library		1	
New Haven Young Men's Institute		1	
New York Mercantile Library Association		1	
New York Young Men's Christian Association		1	
Newburyport Public Library. *Catalogue*	1		
Newton Free Library		1	
Nickerson, *Miss* S. D.	32	79	
Also:— Atlantic Monthly			69
Churchman			124
Horticulturist			56
New England Farmer			30
New England Freemason			29
Paine, Robert Treat		1	7
Peabody Institute, Peabody, *Mass.*		1	
Philadelphia Franklin Fire Insurance Company	1		
Philadelphia Library Company		1	
Philadelphia Mercantile Library	1	1	
Pierce, *Miss* Elizabeth	2		
Poole, William F.		1	
Poor, Henry V.		1	
Pope Manufacturing Company	1		
Portland Public Library. *Newspaper Report*			1
Providence Athenæum		1	
Providence Public Library		4	
Publishers of Princeton Review		1	
Rockland Public Library		1	
Ropes, *Rev.* William L.		2	

NAMES OF GIVERS.	VOLS.	PAMS.	NOS.
St. Louis Public School Library		2	
San Francisco Mercantile Library Association. *Catalogues, etc.*	3	1	
Sargent, Charles S.	5	1	
Sawyer, Edwin F. *Science Observer*, 1877–78			12
Smith, Lloyd P.		1	
Smithsonian Institution	9		
Somerville Public Library		1	
Sotheran *& Co.*		1	
Toledo Public Library		1	
Tufts College		1	
Also: — Tuftonian			9
Unknown. *Received Nov.* 5, 1879		1	
United States. Department of Agriculture	1		
Department of Interior	1		
Department of Treasury	2		
Patent Office. *Patent Office Gazette* for 1879			
Wakefield, *Mass.* Beebe Library. *Catalogue, etc.*	1	1	
Wallis, Albert		2	
Waltham Public Library		1	
Ware, Charles P. *Nation*, 1878-79. (*Unbound*)			32
Washburn, W. T. (?)	2		
Watertown Public Library		1	
Wayland Public Library		1	
Wheeler, G. M. (*U.S.A.*). *Topographical Atlas west of 100th Meridian*			
Whipple, Charles K. *Radical.* (*Unbound*)	10	15	
Wilson, John, *& Son*		1	
Winthrop, *Hon.* R. C.		3	
Woburn Public Library	1	1	
Woman's National Christian Temperance Union. *Our Union* for 1879			
Woods, G. W., *& Co. Vox Humana* for 1879			12
Woods, *Miss* Harriet		6	
Also: — Hall's Journal of Health			24
Massachusetts Teacher			68
Mother's Journal			77
Worcester Free Public Library		1	
Yale College Library		2	
Total	274	304	653

APPENDIX B.

BOOKS PURCHASED FROM THE GARDNER FUND.

	VOLS.
Annual register. 1863–71	9
Aylward, A. Transvaal of to-day	1
Brunet. Manuel du libraire. Supplément, T. 1 . .	1
Cassell's Dictionary of cookery	1
Cooper, T. T. Travels of a pioneer of commerce . .	1
Curtis, B. R. Memoir of Benjamin R. Curtis . . .	2
Dennis, G. Cities and cemeteries of Etruria . . .	2
Dickens, C., *editor*. Life of Charles James Mathews . .	2
Doran, J. "Mann" and manners at the court of Florence	2
Encyclopædia Britannica. Vols. 1–10. *N. Y. edition* .	10
Fairholt, F. W. Homes of English artists . . .	1
Farrar, F. W. Life and work of St. Paul	2
Fischel, E. The English constitution	1
Godwin, W. History of the commonwealth of England .	4
Greene, F. V. Russian army and its campaigns in Turkey .	2
Grote, *Mrs.* H. L. Life of George Grote	1
Guhl, E., and Koner, W. Life of the Greeks and Romans .	2
Haeckel, E. Evolution of man	2
Hakluyt society publications: —	
No. 57. Hawkins' voyages	1
58. Travels of Johann Schiltberger . . .	1
Hare, A. J. C. Life and letters of Baroness Bunsen . .	1
Loftie, W. J. A ride in Egypt	1
Macquoid, T. and K. Pictures from Normandy and Brittany	1
Metternich, *Prince*. Memoirs	2
Moseley, H. N. Notes of a naturalist on the "Challenger"	1
Napier, M. Correspondence of Macvey Napier . . .	1
Nordenskiöld, A. E. Arctic voyages, 1858–79 . . .	1

	VOLS.
Pole, W., *editor*. Life of Sir William Fairbairn	1
Potter, E. R., and Rider, S. S. Bills of credit of Rhode Island	1
Seeley, J. R. Life and times of Stein	2
Séguin, L. G. Black Forest	1
Shea, G. Life of Alexander Hamilton	1
Simon, J. The government of M. Thiers	2
Smith, H. H. Brazil	1
Stebbing, H. Lives of Italian poets	3
Tedder, H. R., and Thomas, E. C., *editors*. Transactions of the library association of the United Kingdom, Oxford, 1878	1
Wachsmuth, W. Historical antiquities of the Greeks	2
Watt, R. Bibliotheca Britannica	4
Westcott, T. Historic mansions of Philadelphia	1
Wyman, T. B. Genealogies and estates of Charlestown	2

APPENDIX C.

BOOKS PURCHASED FROM THE HALL FUND.

	VOLS.
Adams, H. Life of Albert Gallatin	1
American archives. Fourth and fifth series	9
Arnold, W. T. Roman system of provincial administration	1
Boston society of natural history. Proceedings	11
Chambers's encyclopædia	10
Edwardes, *Sir* H. B., and Merivale, H. Life of Sir Henry Lawrence	2
Escott, T. H. S. England	1
Essex institute. Landing of John Endicott at Salem	1
Farragut, L. Life of David Glasgow Farragut	1
Harpers' Latin dictionary	1
Hulme, F. E. Principles of ornamental art	1
Jeffries, B. J. Color-blindness	1
Joyneville, C. Life of Alexander I. of Russia	3
Montalembert, C. F. de T., *Comte de*. Monks of the West. Vols. 6–7	2
Stanford, E., *editor*. Compendium of geography and travel: —	
Africa. Edited by K. Johnston	1
Australasia. Edited by A. R. Wallace	1
Central America, etc. Edited by H. W. Bates	1
Swinton, W. Outlines of the world's history	1
Webster, D. Great speeches	1
Webster, N. American dictionary of the English language. 1880	1

APPENDIX D.

REVISED LIST OF PERIODICALS IN THE READING-ROOM.

Monthly.

American Journal of Science and Arts.
American Law Review.
American Naturalist.
Appleton's Journal.
Atlantic Monthly.
Belgravia.
Blackwood's Magazine.
Chambers's Journal.
Contemporary Review.
Cornhill Magazine.
Fortnightly Review.
Fraser's Magazine.
Gentleman's Magazine.
Good Company.
Harper's Monthly Magazine.
International Review.
Library Journal.
Lippincott's Magazine.
London Society.
Macmillan's Magazine.
Magazine of American History.
National Temperance Advocate.
Nineteenth Century.
North American Review.
Our Dumb Animals. (*Gift.*)
Our Union. (*Gift.*)
Popular Science Monthly.

St. Nicholas.
Scribner's Magazine.
Sunday Magazine.
Temple Bar.
Tuftonian. (*Gift.*)
Unitarian Review. (*Gift.*)
United Service.
University Magazine.
Vox Humana. (*Gift.*)
Young Gentleman's Magazine.

Quarterly.

American Journal of Numismatics.
Bibliotheca Sacra.
British Quarterly Review.
Edinburgh Review.
New England Historical and Genealogical Register.
New Englander.
Quarterly Review.
Westminster Review.

Weekly.

American Architect.
Army and Navy Journal.
Athenæum.
Brookline Chronicle.
Christian Register. (*Gift.*)
Commercial and Financial Chronicle.
Commercial Bulletin.
Graphic. (*London.*)
Harper's Weekly.
Independent. (*Gift.*)
Littell's Living Age.
London Illustrated News.
Nation.
Notes and Queries.
Patent Office Gazette. (*Gift.*)
Pilot.

Public Opinion.
Publishers' Weekly.
Punch.
Saturday Magazine.
Saturday Review.
Scientific American.
Spectator.
Youth's Companion.

Daily.

Boston Daily Advertiser.
Evening Traveller.
Harvard Echo. (*Gift.*)
New York Herald.

Semi-Monthly.

Literary World.
Revue des Deux Mondes.

Bi-Monthly.

Princeton Review.

APPENDIX E.

LIST OF ACCESSIONS, 1879-80.

BOOKS OF REFERENCE.

Bartlett, John Russell. Dictionary of Americanisms. Boston, 1877. 8° R. L.

Boston, *Mass.* Public Library. Class list for English prose fiction, including translations and juvenile books, with notes for readers. Boston, 1877. 8° R. L.

Boston directory for 1879. Boston, 1879. 8° R. L.

Cambridge, *Mass.* Harvard college. Catalogue of the library. Cambridge, 1830. 3 v. 8° R. L.

Catalogue of the library. First supplement. Cambridge, 1834. 8° R. L.

Catalogue of the maps and charts in the library. Cambridge, 1831. 8° R. L.

Cassell's dictionary of cookery. London, [1879.] 8° R. L.

Chambers, William and Robert. Encyclopædia. Revised edition. London, 1879. 10 v. 8° R. L.

NOTE. — The earlier edition of this encyclopædia may be taken out for "home use."

Champlin, John D. Young folks' cyclopædia of common things. New York, 1879. 8° R. L.

Encyclopædia Britannica. Ninth edition. Vols. 1-10. New York, 1878. 10 v. 4° R. L.

Same. Vols. 9-10. Boston, 1879. 2 v. 4° R. L.

NOTE. — The New York edition of this encyclopædia is for general circulation.

Essex county, *Mass.*, Standard history of. Boston, 1878. 4° R. L.

Greenough *& Co., publishers.* Brookline directory for 1879-80. Boston, 1879. 8° R. L.

Historical magazine. Second series. Morrisania, 1867-71. 9 v. 4° R. L.

Same. Third series. Morrisania, 1872-3. 2 v. 4° R. L.

Hulme, F. Edward. Principles of ornamental art. London, [n. d.] 4° R. L.

Index to the American law review. 1866–79. Boston, 1879. 8°.. R. L.

Lewis, Charlton T., and Short, Chas., *editors*. Harpers' Latin dictionary, founded on the translation of Freund's Latin-German lexicon, edited by E. A. Andrews. New York, 1879. 8°..... R. L.

Library journal. Vols. 1–3. New York, 1877–8. 3 v. 8°..... R. L.

Littleton, Adam. Linguæ Romanæ dictionarium. Cambridge, 1693. 4°..... R. L.

Men of the time: a dictionary of contemporaries. Tenth edition, revised by T. Cooper. London, 1879. 8°..... R. L.

Newburyport, *Mass.* Catalogue of the public library. Compiled by Amos Noyes. Newburyport, 1879. 8°..... R. L.

Perkins, Frederic Beecher. The best reading: hints on the selection of books. New York, 1877. 12°..... R. L.

Philadelphia mercantile library company. Catalogue of books for sale. Philadelphia, 1879–80. 8°..... R. L.

San Francisco, *Cal.* Mercantile library association. Catalogue. San Francisco, 1874. 8°..... R. L.

Supplement. Feb. 1874–Sept. 1875. San Francisco, 1875. 8° R. L.

Class list of English fiction. San Francisco, 1876. 8°..... R. L.

Scudder, Samuel H. Catalogue of scientific serials of all countries, 1633–1876. Cambridge, 1879. 8°..... R. L.

Tedder, H. R., and Thomas, E. C., *editors*. Transactions and proceedings of the first annual meeting of the library association of the United Kingdom, held at Oxford, October, 1878. London, 1879. 8° R. L.

Vinton, Frederick. Catalogue of books written by the alumni and officers of the college of New Jersey, now in the library. Philadelphia, 1876. 8°..... R. L.

Wakefield, *Mass.* Beebe town library. Catalogue. Boston, 1879. 8°..... R. L.

Walker, George H., *& Co., publishers*. Atlas of Plymouth county, Mass. Boston, 1879. fol..... R. L.

Watt, Robert. Bibliotheca Britannica; or, general index to British and foreign literature. Edinburgh, 1824. 4 v. 4°..... R. L.

Webster, Noah. American dictionary of the English language. New edition, with supplement. Springfield, 1880. 4°..... R. L.

Whitaker, Joseph, *publisher*. Almanack for 1880. London, 1880. 16°..... R. L.

Woburn, *Mass.* Public library. Class lists. Boston, [1879.] 8° R. L.

ARTS, FINE, USEFUL, AND RECREATIVE.

Barker, M. A., *Lady*. The bedroom and boudoir. London, 1878. 16° 1924.26

Benjamin, S. G. W. Art in America. New York, 1880. 8° 1913.37
Blaikie, William. How to get strong, and how to stay so. New York, 1879. 16° 1973.25
Burnett, Charles H. Hearing, and how to keep it. Philadelphia, 1879. 18° 1251.9
Cavendish, *pseud.* *See* Jones, Henry.
Connecticut training-school for nurses. Handbook of nursing. Philadelphia, 1879. 16° 1256.17
Cornaro, Luigi. Sure methods of attaining a long and healthful life. Cheltenham, 1821. 8° 1253.15
Couture, Thomas. Conversations on art methods. New York, 1879. 16° 1913.33
Curtis, Mary F. Tanagra figurines. Boston, 1879. 8° 1916.20
Dean, Henry. Analytical guide to the art of penmanship. New York, [1808.] 4° 1269.21
Same. First edition. t. p. w. 1804. 4° 1269.22
Hocus pocus; or, the whole art of legerdemain. New York, 1814. 18° 1972.30
Drayson, A. W. Art of practical whist. New York, 1879. 16° .. 1972.28
Duncan, Andrew. Observations on pulmonary consumption. Edinburgh, 1813. 8° 1236.19
Durant, Ghislani. Hygiene of the voice. New York, 1879. 12° .. 1255.15
Easton, James. Health and longevity. Salisbury, 1823. 8° 1253.12
Human longevity. Salisbury, 1799. 8° 1253.14
Fairholt, F. W. Rambles of an archæologist. London, 1871. 8° 1914.25
Frazar, Douglas. Practical boat-sailing. Boston, 1879. 18° 1276.1
Jefferies, R. The amateur poacher. Boston, 1879. 12° 1933.11
The gamekeeper at home. Boston, 1879. 12° 1972.24
Wild life in a southern county. [England.] Boston, 1879. 16° 1933.7
Jeffries, B. Joy. Color-blindness: its dangers and its detection. Boston, 1879. 12° 1915.23
Jones, Henry. (*Cavendish.*) Card essays, Clay's decisions, and card-table talk. London, 1879. 8° 1972.29
The laws and principles of whist. London, 1879. 16° 1972.27
Morris, William. The decorative arts: their relation to modern life and practice. Boston, 1878. 16° 1924.25
Oakey, *Mrs.* From attic to cellar: a book for young housekeepers. New York, 1879. 18° 1971.19
Pratt, Charles E. The American bicycler. Boston, 1879. 16° ... 1973.18
Robinson, Samuel. Lectures on medical botany. [Thomsonian practice.] Boston, 1830. 12° 1231.11
Rood, Ogden N. Modern chromatics. New York, 1879. 12° 1915.22
Schlickeysen, Gustav. Fruit and bread: a scientific diet. New York, [1877.] 12° 1256.19
Steam for the million: elementary treatise on the nature and management of steam. Philadelphia, 1847. 8° 452.21
Van Choate, S. F. Ocean telegraphing. Cambridge, 1865. 4° ... 452.7

Walton, James E. Model yachts and model yacht-sailing. London, 1880. 4° 1276.18

Warren, John C. Physical education and the preservation of health. Boston, 1846. 16° 1256.2

Weigall, Charles H. The art of figure-drawing. N.Y., 1879. 16°. 1918.30

BIOGRAPHY.

Adams, Henry. The life of Albert Gallatin. Phila., 1879. 8°.. 839.14

Almon, John. Memoirs. London, 1790. 8° 749.16

Trial of. London, 1770. 8° 1226.6

Bacon, Leonard Woolsey. Memorials of Emily Bliss Gould, of Rome. New York, [1879.] 12° 853.9

Baring-Gould, S. The vicar of Morwenstow: a life of R. S. Hawker. New York, [1879.] 12° 732.4

Barrett, B. F. Life of Emanuel Swedenborg. N. Y., 1841. 12° 762.14

Boyesen, Hjalmar H. Goethe and Schiller: their lives and works. New York, 1879. 12° 764.17

Buckingham, Joseph Tinker. Personal memoirs and recollections. Boston, 1852. 2 v. 12° 854.13

Busch, Moritz. Bismarck in the Franco-German war, 1870–71. New York, [1879.] 2 v. 8° 766.9

Chambers, William. Stories of old families. Edin., 1878. 16° 712.3

Church, Pharcellus. Life of Theodosia Ann Barker Dean. Boston, 1851. 12° 852.26

Clement, Clara E., and Hutton, L. Artists of the nineteenth century. Boston, 1879. 2 v. 8° 1913.36

Cléry, Jean Baptiste Cant Hanet. Journal of occurrences in the tower of the temple, during the confinement of Louis XVI. Boston, 1799. 8° 754.9

Cousin, Victor, *and others*. Jaqueline Pascal; or, a glimpse of convent life at Port Royal. New York, 1854. 12° 752.21

Cox, Robert. Lives of the fathers of the three first centuries. London, 1817. 8° 1739.4

Simeon, son of Cleopas; Clement, bishop of Rome; Ignatius, bishop of Antioch; Polycarp, bishop of Smyrna; Justin Martyr; Irenæus, bishop of Lyons; Tertullian, presbyter of Carthage; Origen, catechist of Alexandria; Cyprian, bishop of Carthage; Dionysius, bishop of Alexandria.

Curtis, Benjamin Robbins. Memoir. Boston, 1879. 2 v. 8°.... 856.17

Deane, Charles. Memoir of George Livermore. Camb., 1869. 8° 855.18

Delany, Mary Granville. Autobiography and correspondence. Edited by S. C. Woolsey. Boston, 1879. 2 v. 8° 733.7

Dickens, Charles John Huffam. Letters. N. Y., 1879. 2 v. 12° 746.15

Didier, Eugene L. The life and letters of Madame Bonaparte. New York, 1879. 12° 852.25

Doremus, S. D. Great lights in sculpture and painting. New York, 1880. 12° 814.11

Drake, Samuel Gardner. Memoir of Sir Walter Ralegh. Boston, 1862. sm. 4° 723.12

Edwardes, *Sir* Herbert B., and Merivale, Herman. Life of Sir Henry Lawrence. London, 1872. 2 v. 8° 726.16

Eggleston, Edward, and Seelye, Lillie E. Brant and Red Jacket. New York, 1879. 12° 842.6

Fairbairn, *Sir* William. Life. Partly written by himself. Edited and completed by W. Pole. London, 1877. 8° 729.18

Fairholt, Frederick William. Homes, works, and shrines of English artists. London, 1873. 8° 719.9

Farragut, Loyall. Life of David Glasgow Farragut. New York, 1879. 8° 866.20

Ferris, George T. The great German composers. New York, 1879. 16° 764.18

The great Italian and French composers. New York, 1879. 16° 764.19

Great singers: Faustina Bordoni to Henrietta Sontag. New York, 1880. 16° 764.21

Feuerbach, Paul Johann Anselm von. Caspar Hauser. Boston, 1833. 12° 763.6

Froude, James Anthony. Life and times of Thomas Becket. New York, 1878. 8° 723.9

Fry, Elizabeth. Memoir, with extracts from her journal and letters. Philadelphia, 1847–48. 2 v. 8° 733.14

Grote, Harriet Lewin. The personal life of George Grote. London, 1873. 8° 744.12

Guernsey, Alfred H. Thomas Carlyle: his life, his books, his theories. New York, 1879. 16° 746.6

Hamilton, Anthony. Memoirs of Count Grammont. London, 1876. 8° 757.16

Hare, Augustus John Cuthbert. Life and letters of Frances Baroness Bunsen. New York, 1879. 2 v. in 1. 8° 733.8

Heisch, P. I. Memoirs of John Caspar Lavater. London, 1842. 16° 762.17

Hill, David J. American authors. Washington Irving. New York, 1879. 16° 821.16

Hodder, Edwin. Heroes of Britain in peace and war. Vol. 1. London, [n. d.] 8° 716.14

Illustrated biographies of the great artists: —

Hans Holbein. By J. Cundall. New York, 1879. 8° 814.15

Hogarth. By A. Dobson. New York, 1879. 8° 814.18

The little masters. By W. B. Scott. New York, 1879. 8° ... 814.17

Rubens. By C. W. Kett. New York, 1879. 8° 814.19

Tintoretto. By W. R. Osler. New York, 1879. 8° 814.14

Turner. By W. C. Monkhouse. New York, 1879. 8° 814.16

Johnson, Oliver. William Lloyd Garrison and his times. Boston, 1880. 12° 854.10

Jones, Charles H. Lord Macaulay: his life, his writings. New York, 1880. 16° 744.13

Jones, Frank. The life of Sir Martin Frobisher. London, 1878. 8° 723.11

Joyneville, C. Life and times of Alexander I., Emperor of all the Russias. London, 1875. 3 v. 8° 766.24
Kemble, Frances Anne. Records of a girlhood. N. Y., 1879. 12° 734.14
Krause, Ernst. Erasmus Darwin. With a preliminary notice by C. Darwin. New York, 1880. 12° 749.3
Landseer, Thomas, *editor*. Life and letters of William Bewick (artist). London, 1871. 2 v. 8° 748.4
Lawrence, Margarette Woods. Light on the dark river; or, memorials of Mrs. Henrietta A. L. Hamlin. Boston, 1854. 12°. 852.27
Le Brun, Marie L. E. Vigée. Souvenirs. New York, 1879. 8°... 752.20
Leland, Charles Godfrey. Abraham Lincoln and the abolition of slavery in the United States. New York, 1879. 16° 813.17
Martin, Theodore. Life of the Prince Consort. Vol. 4. New York, 1879. 8° 722.10
Mathews, Charles James. Life, chiefly autobiographical. Edited by C. Dickens. London, 1879. 2v. 8° 823.16
Metternich, Clemens Wenzel Nepomuk Lothar, *Prinz von*. Memoirs, 1773-1815. Edited by Prince Richard Metternich. New York, 1880. 2 v. 8° 757.22
Morley, John, *editor*. English men of letters: —
Burke. By J. Morley. New York, 1879. 16° 717.34
Robert Burns. By J. C. Shairp. New York, 1879. 16° 717.32
Daniel Defoe. By W. Minto. New York, 1879. 16° 717.30
Goldsmith. By William Black. New York, 1879. 16° 717.28
Hawthorne. By Henry James, jr. New York, 1880. 16° 717.36
Hume. By Professor Huxley. New York, 1879. 16° 717.29
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ANNUAL REPORT

OF THE

BOARD OF SCHOOL COMMITTEE

OF THE

TOWN OF BROOKLINE,

FOR THE YEAR ENDING FEBRUARY 1, 1880.

ANNUAL REPORT.

THE School Committee organized with the choice of W. H. Lincoln as Chairman, and W. Goddard, jun., as Secretary.

1880.	1881.	1882.
G. BROOKS.	A. MASON.	W. H. LINCOLN.
D. B. VAN SLYCK.	L. K. STORRS.	W. T. R. MARVIN.
M. DRISCOLL.	W. GODDARD, Jun.	L. J. MORRIS.

The terms of service for which the several committee-men are elected expire according to the above table.

The following are the various sub-committees of the Board:

TEACHERS.
W. GODDARD, Jun.
W. H. LINCOLN.
L. K. STORRS.

HIGH SCHOOL.
W. GODDARD, Jun.
A. MASON.
W. T. R. MARVIN.

GRAMMAR SCHOOLS.
W. H. LINCOLN.
G. BROOKS.
L. J. MORRIS.

PRIMARY SCHOOLS.
M. DRISCOLL.
L. K. STORRS.
D. B. VAN SLYCK.

EXAMINATIONS.
W. H. LINCOLN.
W. T. R. MARVIN.
L. K. STORRS.

DRAWING AND WRITING.
G. BROOKS.
L. J. MORRIS.
W. T. R. MARVIN.

MUSIC.
D. B. VAN SLYCK.
M. DRISCOLL.
A. MASON.

FINANCE.
G. BROOKS.
M. DRISCOLL.
D. B. VAN SLYCK.

EVENING SCHOOL.
W. GODDARD, Jun.
M. DRISCOLL.
L. J. MORRIS.

STATEMENT CONCERNING THE SCHOOLS DURING THE PAST SCHOOL-YEAR.

SCHOOLS.	Whole No. enrolled during the Year.	No. enrolled for Week ending Jan. 31, 1880.	No. attending for Week ending Jan. 31, 1880.	Average No. for Year.	Percentage of Attendance for Year.	Teachers now in Service, Feb. 1, 1880.	Salaries for 1880.
High	112	78	78	84	97.1	J. E. Hoar, Principal,	$2,700
						N. H. Harriman	1,350
						A. W. Deane	1,000
						M. S. Edgerly	650
Pierce	442	337	322	292.6	92.2	M. D. Paul*	750
						E. J. McKenzie	550
						M. S. Donaldson	625
						F. Swanton	625
						C. P. Manning	625
						M. P. Frye	625
						M. E. Malone	625
						M. Pickering	550
						A. B. Carroll	625
Harvard	105	66	62	60.2	91.6	S. D. Newton	625
						S. L. Harris	550
Lawrence	83	60	60	49.3	92.9	I. W. Andros	550
						E. W. Bean	550
Longwood	39	26	25	23	91	C. E. Ballou	625
Ward	436	349	337	334	88.3	S. Brown*	1,500
						E. W. Armes	625
						E. A. George	625
						E. A. Rausch	625
						E. L. Wiswall	625
						C. W. Gookin	625
						J. C. Carroll	625
						A. L. Richardson	625
Boylston	132	85	80	75	93.3	A. P. Haines	625
						E. T. Lewis	625
Sewall Street	34	34	31	32.2	94.6	F. L. Daggett	625
Heath	137	91	91	100	93.4	M. J. Collingwood*	675
						M. Kelly	625
						M. E. Hyde	625
Newton Street	18	10	9	10.8	88.4	L. Stearns	450
Music-teacher	–	–	–	–	–	O. B. Brown	600
Sewing-teacher	–	–	–	–	–	H. A. Nevers	550
Drawing-teacher	–	–	–	–	–	A. M. White,† about	250
Superintendent	–	–	–	–	–	D. H. Daniels*	2,000
Secretary Com.	–	–	–	–	–	W. Goddard, jun.	200
Chair. F. Com.	–	–	–	–	–	George Brooks	100

* Mr. Daniels is Principal and Superintendent of all the grammar and primary schools. Mr. Brown is Head Assistant of the Ward; Miss Paul, of the Pierce; and Miss Collingwood, of the Heath School.

† Five dollars a day.

APPROPRIATIONS.

The Committee ask that the town appropriate for the use of the day schools the sum of thirty-six thousand dollars, the amount appropriated last year.

They would also request an appropriation of three hundred dollars for the evening school. Two hundred dollars, the amount expended last year, was found insufficient for the purpose. The article on the "Evening School" will give the particulars of its working and its needs.

The Committee would also ask that the sum of five hundred dollars be appropriated for the use of the Committee in making inside repairs upon our schoolhouses. Heretofore the Selectmen have had charge of this work, and have set apart the sum mentioned to be expended upon it; but last year the Selectmen were obliged to use upon other public buildings the whole amount appropriated, without reserving any thing for these repairs. A member of the Board of Selectmen, who is connected with the expenditure of this money, is in favor of its being put into the hands of the Committee. To us there is a manifest propriety in making this change. Those who need the money should have full use and control of it, and should be held responsible for its wise use.

The Committee are confident, after a careful and thorough study of the subject, that the efficiency of the school system cannot be maintained upon a less sum. The salaries of our teachers have twice been reduced. No further reduction in this direction is advisable, especially on the eve of returning material prosperity, when the cost of living is constantly advancing. In the interest of economy, and for the purpose of simplifying and unifying our school system, the Committee have consolidated certain classes, thereby saving a certain amount of expenditure; but the money thus saved has for the greater part been expended to satisfy other growing wants of the town.

NEW SCHOOLHOUSE.

In accordance with a vote of the town, a new school-building has been erected on Sewall Street. The building is entirely satisfactory to the Committee, and well meets the wants of its occupants. It is sunny, well ventilated, and easily heated. Miss Daggett, who formerly had charge of the school in the engine-house, now discontinued, is the sole teacher as yet in the new building. The attendance upon the school is larger than was anticipated: thus the opinion of the Committee that the school ought to be established has been confirmed.

CONSOLIDATION OF SCHOOLS AND THE APPOINTMENT OF A SUPERINTENDENT.

After a thorough examination of the question of consolidation by a sub-committee, and on their recommendation, the following votes were passed on the 21st of May, 1879: —

"*Voted*, That the first class in the Ward Grammar School be consolidated with the first class in the Pierce Grammar School."

"*Voted*, That the second and third grammar classes in the Ward School be placed under one teacher, and that the room thus vacated in the Ward School-building be used for one of the primary schools now in the engine-house."

"*Voted*, That the Pierce and Ward districts be placed under one person, who shall be principal and superintendent."

The following vote was passed on the 23d of the following month: —

"*Voted*, That the higher classes in the Ward School be placed under a teacher to be termed the principal's head assistant, who, in addition to his instruction of those two classes, shall assist the principal in supervising the discipline of all the classes in the Ward School-building, and in his absence may exercise the powers of principal in matters of discipline."

Mr. D. H. Daniels was appointed principal and superintendent by the Board, and Mr. Sylvester Brown is now acting as principal's head assistant. Both of these gentlemen have performed their duties to the entire satisfaction of the Board; and, so far as the new system has been tried, it has proved a success.

HIGH SCHOOL.

Within this last year, from our High School, there have entered Harvard College six on the "full examination," and one on the "preliminary examination." Another has also entered there on the special "course in art."

Fourteen were graduated last June at the close of the year, — eight in the English course, and six in the classical course.

A college class, the largest we have ever had, has just been formed, numbering ten. They began Greek the first week of February.

In very few schools are boys prepared for college in so short a time as in our school. Five or six years are usually spent in doing what boys are here required to do in four years. The Sub-Committee on the High School are meditating extending both the English and classical courses, and in connection with this change are considering a new course of study. They are not ready as yet to report upon these subjects; but it is hoped that matters will assume a definite form before the opening of another school-year. The Committee have had the hearty co-operation of Mr. Hoar, and derived much assistance from his ripe experience in the consideration of these subjects. More attention has been given to the English studies than heretofore. The Board have recently introduced Mayhew's "Book-keeping" as a text-book in the High School.

Mr. Harriman has given special attention to training the pupils in declamation, and the results of his instruction have been very gratifying.

We were much pleased that a reunion of the alumni of the

High School was held last June, and that efforts are being made to provide for these gatherings in the future.

Our school has many children, and it does them and the community good to unite and renew old associations. The cause of education, as well as that of sociability and friendship, is advanced by such meetings.

GRAMMAR SCHOOLS.

The annual written examinations were given as usual, and under the same rules that were adopted the previous year. The tables annexed show the results in the different studies in each class. Without a knowledge of the questions, or the method of correction of answers, the simple percentages do not afford any satisfactory idea of the attainments of the pupils. But regarding 100 as the maximum, and keeping in view the fact that an average of 65 in all the studies is required for promotion, and that both the nature of the questions and the system of correction are adapted to this requirement, we can arrive at a fair conclusion as to the general progress of the classes, and by comparison can form an opinion of their relative scholarship.

With the exception of the second class in the Pierce School, and the sixth class in the Ward School, the results are very satisfactory. In twelve classes all the pupils are entitled to promotion, and seven classes have only one pupil in each who failed of promotion.

As there are but twenty-four classes in all, it will be readily seen that the general condition of the classes in our grammar schools is excellent.

A change of the Readers used in the first and second classes seems to be necessary. The character of the selections is not suited to pupils of these grades. Pupils constantly hesitate over words the meaning of which they do not comprehend, and they fail to understand the thought or idea intended to be conveyed in the sentence itself. Our new course provides for supplementary reading; and with a

change, as suggested, we may look forward to more satisfactory results.

The study of grammar has been reduced to limits advised in our last report, to the relief of the teachers and advantage of the pupils. We have endeavored to impress upon the teachers the great waste of time and effort in requiring of the pupils a study of the map-questions as put down in the geography. Our examinations require map-drawing and the location of principal rivers and cities. Fully one-half of the questions in every text-book on this subject should be wiped out. It is far better that scholars should know accurately one-half of what is usually attempted upon this subject, and that portion the more important, than that they should have an imperfect acquaintance with the whole, as is usually the case.

The new text-books in geography recently introduced (Harper's) contain so much relating to physical geography, that we were enabled to discontinue the use of Guyot's "Physical Geography" in the first class. This afforded us an opportunity to introduce book-keeping at the commencement of the second term; and we think it will meet a want that has long been felt. It is not intended to make experts in book-keeping, but to afford an opportunity of acquiring such a knowledge of the principles involved as will enable the pupils to readily possess themselves of what may be needed in the future.

Reasonable objection having been made to the English history in use in the first classes, the Board have substituted Stone's in place of the Craig-Knox history.

A revised course of study has been adopted, and was put into operation at the commencement of the fall term. Increased attention is to be given to composition and dictation exercises. The change in our system, appointing Mr. D. H. Daniels as superintendent over all the primary and grammar schools, will secure unity of action that is extremely desirable. Relieved from the duty of instruction, he will be

enabled to exercise a general supervision, and give attention to many details of the school-work that cannot fail of securing excellent results. We regard this as the most important change in our plans that has taken place during the year.

Schools.	Arithmetic.	Geography.	Grammar.	History.	Reading and Definitions.	Spelling and Dictation.	Writing and Drawing.	General Average.	Number rejected.	Number of Pupils.
First Classes.										
Pierce	69	84	64	93	87	82	86	81	0	29
Ward	55	81	66	86	81	72	86	76	1	9
Heath	65	73	65	83	81	80	88	76	1	22
Second Classes.										
Pierce	57	80	70	73	81	76	81	73	9	42
Ward	58	88	81	90	73	74	88	78	0	19
Third Classes.										
Pierce	85	85	73	78	75	77	77	79	2	43
Ward	83	82	73	80	74	73	80	76	0	23
Heath	82	80	84	83	74	73	80	80	0	17
Lawrence	95	79	80	69	78	78	82	80	0	14
Fourth Classes.										
Pierce	88	84	77	–	83	84	79	83	0	45
Ward	78	87	84	–	78	81	80	82	0	38
Heath	73	87	83	–	79	77	88	81	0	5
Lawrence	72	86	59	–	82	84	84	79	3	14
Fifth Classes.										
Pierce	94	93	–	–	85	87	82	88	0	35
Ward	73	89	–	–	80	85	79	81	1	37
Heath	78	67	–	–	88	82	81	78	1	12
Lawrence	71	74	–	–	84	78	79	77	3	17
Boylston	92	96	–	–	85	92	83	88	0	11
Sixth Classes.										
Pierce	88	92	–	–	90	88	78	87	1	33
Ward	54	76	–	–	79	71	74	70	20	44
Heath	75	76	–	–	85	80	85	80	1	5
Harvard	76	75	–	–	92	85	82	82	1	14
Longwood	88	84	–	–	76	90	83	84	0	3
Boylston	94	92	–	–	88	90	78	87	0	27

PRIMARY SCHOOLS.

In September last, a new course of study, prepared by the Committee in consultation with the principals and teachers, and conforming substantially to the course recommended by the sub-committee appointed by a convention of Norfolk-county school committees and superintendents, was adopted.

A change was also made in the method of teaching reading, of which particular mention is made in the report of the Superintendent, by which much valuable time is saved, and the quality of the reading is much improved. In addition to the Monthly Readers and Nurseries, ten copies of various primary readers have been placed in each room, from which the pupils are required to read at sight. The books are changed every month, thus securing in each room a fresh supply of reading-matter. As a result, the interest of the pupils in their work is constantly maintained, and the reading lessons are no longer monotonous recitations of pieces long since committed to memory.

EVENING SCHOOL.

The evening school was opened on the 13th of October, and continued on Monday, Tuesday, Thursday, and Friday evenings of each week, until the 13th of January, when it was closed for want of funds.

Mr. F. L. Wellman was appointed teacher, and served faithfully until his health prevented his attendance on any but Monday evenings. Mr. D. B. Hoar filled his place very acceptably on the other evenings. An assistant was needed for a part of the time, and Miss Nellie E. Shea was appointed to that position.

In the early part of the season the attendance was quite large; as many as thirty-eight being present on some evenings. Many came simply to have a good time, and soon dropped out; others were expelled for misconduct. The following

report from the teachers is necessarily incomplete, owing to the fact that the school register was stolen : —

"At the beginning the attendance was larger than for most of the time the school was in session ; but the class of scholars who remained or entered later in the season was much better than that at first.

"The average attendance was nineteen, about equally divided between men and women in the fall: but subsequently the number of the men decreased, while that of the women at the same time increased; so that, at the close, about three-fourths were women.

"No one came who could not read, and most could write ; but the greater part wished rather to improve their previous acquirements in reading, writing, and arithmetic.

"It is more than probable that quite a large class could be organized to study book-keeping, but for want of the facilities it has this year been impossible. Quite a number have expressed a desire to take up that study, not caring for any thing else."

MUSIC.

The musical instruction in the public schools has continued under the direction of Mr. O. B. Brown.

Mr. Brown aims to instruct pupils to read music at sight; but, as his visits are at weekly intervals, it is necessary that the regular teachers should assist in the lessons.

In the primary schools a portion of each day should be set apart for musical instruction. This course seems necessary to lay a good foundation for musical education. It will also serve another purpose, equally useful, — that of giving variety to the school exercises, and of resting the little ones after the more exhausting mental application of learning their other lessons.

In view of these statements it is very desirable that teachers, especially those of the lower grades, should have some knowledge of teaching music.

To accomplish this end, and to co-operate successfully with the music-teacher, a thorough knowledge of music is not necessary. An acquaintance with the fundamental principles of the science, and some ability to apply the accepted methods of teaching it, is all that is absolutely required. A teacher that has these acquirements, and who is not deficient in other respects, can perform the best service for the town.

DRAWING.

Drawing is still under the direction of Miss White, whose work has been very satisfactory. As she has now been in our schools for two years, and as her system has been more fully introduced, we think that, with the full co-operation of the teachers, we may anticipate still better results the coming year.

In introducing this study into our public schools, the question no doubt arises in the minds of many whether we are giving the children intrusted to our care a *practical* education. Although space will not admit of answering the question fully, yet a few words will show the most important features of industrial drawing.

It has been said, "There are now four fundamental studies required to fit children for practical life; namely,—

"1. Reading, because it is the means of teaching and acquiring knowledge.

"2. Writing, because it is the means of expressing knowledge.

"3. Arithmetic, because it is the means of computing knowledge and values.

"4. Drawing, because it is the language of form in every branch of industry, from the most simple to the most complex."

Drawing forms an important feature in the education of both sexes. It expedites construction of all kinds, — building machinery, ships, bridges, railroads, &c., and is intimately connected with all our industrial and artistic products.

The rank of our manufactures depends quite as much upon the design as the material, and it has truly been said that "in no country will the quality of its manufactures rise above the taste of the people;" and, when we consider that nine-tenths of the occupations of the present day require a knowledge of drawing, it must be admitted that it should occupy a prominent place in our public schools.

Mr. Smith's system was introduced two years ago, since which time lessons have been given to the teachers once a fortnight by the supervisor, who visits the different schools once a month, judging of the work of the teacher through her pupils.

The work in the High School is not as good comparatively as that of the lower grades, owing to the low standard in drawing of the scholars, and the limited time given to the subject. Improvement will be more marked when scholars entering the High School have been well trained in the lower grades.

The semi-annual examination shows a great advance upon that of a year ago. The subject seems to be more thoroughly understood by the teachers, who have, with scarcely an exception, given their hearty co-operation.

VENTILATION.

In the last annual report of the School Committee, the subject of the proper ventilation of the school-houses of the town was discussed at considerable length, and their actual condition in this regard given in detail.

It was shown by actual experiment that there was scarcely a school-room whose ventilation was not defective, and that in more than three-fourths of them there was none at all worthy the name.

A plan was submitted to the Committee, which they were satisfied would prove efficient; and an appropriation of $2,000 was asked for to carry it out, and generously granted by the town.

As all efforts to secure good and thorough ventilation are considered by most persons as merely an experiment, we desire to lay before the citizens of the town both the manner in which their appropriation was expended, and the actual result, in the hope of thereby adding something to exact knowledge, on a subject as yet very imperfectly understood.

In order to make this paper intelligible by itself, it will be necessary briefly to restate some of the principles upon which a proper system of ventilation must be founded.

Ventilation, stated in its simplest terms, consists in furnishing to each person in a room, —

1st, A certain volume of pure air, to be actually taken into the lungs in the process of respiration.

2d, A certain volume to carry off the animal heat and the exhalations from the bodies of the occupants.

And lastly, to remove the air, thus contaminated, so rapidly as to render it impossible that this poisoned atmosphere can be respired a second time.

The volume of air required to be passed through a room for this purpose is variously stated by different authorities, — some placing it as low as four cubic feet per minute for each person ; and others, as high as twenty-five, or even thirty.

All, however, unite in stating, that absence of any odor of animal exhalations is an infallible test of good ventilation ; and, when we consider how much of this odor depends upon personal cleanliness, the disparity is readily accounted for.

Persons whose clothing is clean, and entirely removed and aired during the night, and whose persons are subjected to frequent baths, require much less air for good ventilation than those whose habits are less cleanly ; though I think it doubtful if the minimum amount mentioned will change the air of a room rapidly enough to prevent the re-inhalation of more or less poisonous matters, so rapidly are they spread by diffusion.

It is a popular belief that open grates, or fireplaces, are

the only certain means of securing perfect ventilation; and that they are very efficient in private houses, or rooms anywhere that are small and occupied by few persons, cannot be denied: but the heat they afford is wholly by radiation; and it is evident that they are impracticable in large rooms occupied by many persons, where it is important that a uniform temperature be maintained in every part; and, besides, another difficulty would arise, — that of providing and removing a sufficient volume of air. However, by observing the manner in which ventilation is effected in a small way by a fireplace, we can apply the principle involved, in another way and on a large scale, to rooms however extensive or crowded. The only reason why a fireplace is a good ventilator is, because it tends constantly to produce a vacuum in the chimney-flue by keeping it heated, so that there may be a perpetual flow of air from the room into it to fill this vacuum.

Now, if we build a chimney of sufficient capacity in a house, so that every room shall open into it by a proper-sized aperture, and keep this large flue sufficiently heated, it is plain we shall be able to remove from every room so treated, a volume of air corresponding to the size of our chimney, the size of the openings into it, and the degree of heat introduced into the flue; and precisely in the same way and on the same principle that the air is withdrawn from a room by a fire in a grate or fireplace: so that we have only to provide for the introduction of a sufficient volume of pure air, heated to the proper temperature, to replace that which is being constantly removed, to satisfy all the terms of our definition of perfect ventilation. To illustrate: suppose we have a room, 30 feet square and 13 high, to accommodate 50 pupils. As this gives about the number of cubic feet of space needed for each pupil, and we wish to furnish 20 cubic feet of air per minute for each pupil, we find, by a simple means hereafter to be described, we are able to maintain a velocity in the flue of 300 feet per minute. As we wish to

discharge 1,000 cubic feet per minute, the opening from the room into the flue must have a surface area of about $3\frac{1}{3}$ square feet, or, in register measurement, allowing $\frac{1}{3}$ for force, a ventilating register about 20 by 30 inches. We place the ventilator on a level with the floor; an ample cold-air box brings the pure out-door air to the furnace below to be heated, and it is then introduced into the school-room through the floor. As 1,000 cubic feet of air per minute are passing out into the chimney, 1,000 more must be coming in to take their place. The heated air, as it comes in, rises at once to the top, and the cooler air is drawn out from the bottom; and a constant circulation is maintained in this order. That air actually stratifies according to temperature is easily proved by suspending thermometers at equal heights on opposite sides of the room. Now the solid contents of the room supposed are 11,700 cubic feet: therefore the entire air of the room is changed in 11.7 minutes, and the whole volume of the air in the room is moving downward at the rate of 1.1 feet per minute. So that the noxious matters exhaled from the lungs, and thrown off from the surfaces of the pupils' bodies, pass down and out in such a way, and so rapidly, that they cannot possibly be re-inhaled.

In adapting a proper system of ventilation to our schoolhouses, it was believed that the smoke-pipes from the furnaces, if carried to the top of the chimneys, would afford sufficient heat for the purpose. The existing chimneys were none of them large enough to be of use; and most of them were not located, in reference to the rooms, so as to be available, had they been of sufficient size. It was therefore necessary to build new chimneys, in all cases where the plan described was attempted.

The Pierce Primary, as being the worst ventilated schoolhouse in town, was the first experimented on; and the work was done duing the spring vacation. A chimney, twenty inches by four feet in the clear, was built at each end of the house. At the bottom, in the cellar, it was made a

foot wider, with an iron door high enough to admit a No. 8 Globe heater, for heating the flue in spring and fall, when the furnaces are not in operation. An eight-inch pipe, of twenty-two ounce copper, received the furnace-funnel in the flue, and was carried one and a half feet above the top of chimney, which was capped with stone to prevent any return of gases down the flue. Below the stone were openings on all sides for the escape of foul air, the area of which, on any two sides, exceeded the entire capacity of the chimney, as the escape could be only on the two sides opposite the wind.

The ordinary cold-air dampers in the smoke-pipe near the furnace were discontinued, and a simple check-damper, that would close the pipe about three-quarters only, used instead, in order that there might be a constant flow of heated gas through the pipe. The furnaces were respectively 15 and 18 feet from the chimney; and it was feared that enough heat would not be carried into the flue, and that it might be necessary to move the furnaces near to the chimney. However, the result was entirely satisfactory. The ventilating registers were 21 by 29 inches; and, on measuring with a meter the velocity of the foul air escaping through them, it was found to be 250 feet per minute in two rooms, and 300 feet per minute in the other two. The average attendance being 35, this would give 20 cubic feet per minute of ventilation for each pupil. If the average attendance were increased to 50, each pupil would still be supplied with 14 cubic feet of pure air per minute. So that our experiment was certainly a success, still further proved by the noticeable absence of odor, and that sickening sense of closeness, which prevailed before the chimneys were built, though every effort was always made by teachers to prevent it by opening windows and doors, — that common and dangerous mode of diluting the poisoned atmosphere of school-rooms, by simply letting in outside air.

As to summer ventilation, to which allusion has been made, and for which the stoves in the bottom of the chimneys were

designed, a word must be said. As soon as the furnace-fires are allowed to go out, a fire should be constantly kept in these stoves, so as to keep the flues as well, or better heated, than by the furnace-pipes. In this way the same volume of air will be removed from each room, as when the furnaces are in operation, and the whole house heated. It must be observed, however, that in this case, the foul air must be drawn into the chimney from the top instead of the bottom of the room, and another set of ventilators must be provided, entering the chimney as high up as possible. The reason for this is obvious. If the cold air be admitted at the bottom, and we provide for taking the foul air out at the bottom also, we shall have only a current of cold air along the floor, and the whole volume of air above the exit register will remain undisturbed. With the ventilator at the top of the room, the cold air admitted at the bottom gradually rises to take the place of that drawn out at the top into the chimney; and the same amount of ventilation will be effected as in the winter mode, but in reverse order. It is expected that the fire will be kept up in the stoves until the weather is warm enough to keep doors and windows constantly open.

The chimneys built in the other school-houses were 2 feet by 4 in the clear. In the Pierce Grammar School, two, ventilating four large rooms and four small recitation-rooms. In this house the furnaces were about six feet from the chimneys, — a much better distance than in the Pierce Primary. The average attendance was 40 to a room, and the ventilation 25 cubic feet of air to each pupil per minute.

The Ward School, containing eight rooms, was ventilated by four chimneys. The average attendance is about 35 to a room, and the ventilation 24 cubic feet per minute for each pupil. The change from the old condition of things in this house is very marked and gratifying. It could scarcely have been worse than it was a year ago; while now, the freedom from odor, and obvious purity of the air, in all the rooms, are all that could be desired. In this house it was necessary to

put in a new portable furnace, so as to have a heater for each chimney, and for each two rooms.

In the Harvard School-house, of two rooms, one chimney was built. The average attendance is 30 pupils to a room, and the ventilation about 30 cubic feet of air per minute for each pupil.

After completing the ventilation of the Pierce Primary School, it was found necessary to change, in several particulars, the specifications upon which the request for an appropriation of $2,000 was based; and it was found, also, during the progress of the work, that several changes would be necessary requiring increased expenditure.

It was therefore decided that the houses above mentioned as being most in need of it should be ventilated on the proposed plan, and the remainder temporarily ventilated, after the manner of the High-school building.

The Longwood School was a sort of compromise. As only the upper room is used, one of three chimney-flues was made a ventilating flue for this season. The funnel from the heater was carried up in the middle flue to above the ventilating register, and the partition between the two removed, thus heating the flue as required. This flue was only 8 by 12 inches; and, though the velocity of the air in it was 300 per minute, its capacity was only about 200 cubic feet per minute, — about 8 cubic feet per minute for each pupil.

The ventilation of the Lawrence School was left as before. It is effected on the proper principle; but the flue is so small as to afford only 5 cubic feet of air per minute for each pupil.

In the Boylston-street School, two board flues, 1 by 2 feet, were constructed, running from the lower floor to the top of the building, and surmounted by the old ventilator removed from the Pierce Grammar School. The result was excellent in the lower room, giving 20 cubic feet per minute for 40 pupils, but the upper room only about 10 for the same number. The flues for the two rooms were separate, and of the same size.

In the Heath-street School the ventilation was effected in

the same manner, — one flue terminating in an Emerson ventilator, which was already on the building, and two others in the square ventilators taken from the Ward School-house, with a result nearly identical with the Boylston. In the lower front room there were 20 cubic feet of ventilation for 31 pupils, and, in the room above, about half as much. The lower back room is not occupied, but has about 24 cubic feet of ventilation per minute for 35 pupils, and the upper room 16. The reason of these two rooms being better ventilated than the others is, that, in addition to one board flue, it is ventilated into the smoke-flue of the chimney, which is 12 by 16 inches, and, though so small, discharges more than three times as much foul air as the board flue.

There is this to be said about board flues, that if in sufficient number and of sufficient size, and their number or capacity doubled for upper rooms, — where, from their lesser length, the draught is greatly diminished, — they will afford excellent ventilation while the building is thoroughly heated, but are perfectly useless when the furnace-fires are out.

The new schoolhouse on Sewall Street was built with special reference to proper ventilation; and the chimneys are like those described, with only this difference, that cast-iron pipe was used instead of copper for the smoke-pipe. The result is equally satisfactory, affording over 20 cubic feet of ventilation per minute for 40 pupils in each room.

The cost of the entire work of ventilating the school-houses as described was $2,546.48.

A careful observation and study of the results of ventilation by heated flues seems to establish beyond a doubt, by the test of actual experience, the following facts: —

1st, That school-houses *can*, with very trifling, if any, additional expense, be so built as to afford perfect ventilation, giving each pupil from 15 to 30 cubic feet of pure air per minute as desired. Large houses might be built so that each chimney should serve for four rooms, with one hot-air furnace for each chimney, and to heat these rooms. If a room is heated by steam, the furnace-pipe would suffice for

one large chimney, and other ventilating flues could be heated by coils of steam-pipe in the flue above the highest ventilator. Steam-radiators should never be tolerated in any room; but the whole house should be warmed by air heated by being passed over coils of pipe in a hot-air chamber.

2d, As to the size of the chimney, an area of 12 square inches should be allowed for each pupil, unless sufficient heat is furnished to secure a velocity of more than 250 feet per minute in the flue, in which case the dimensions may be proportionally diminished. This is on the supposition that about 20 cubic feet of air per minute is to be furnished each pupil.

3d, In any mixed assembly as much as 20 cubic feet per minute should be furnished each person; certainly not less than 15. If the volume is as low as 10, there will often be a perceptible odor of animal exhalations, and a sense of closeness or stuffiness, indicative of insufficient ventilation.

4th, In a room new and clean, and where the occupants are *all* neat and tidy, wearing always clean clothes, and whose bodies are kept clean by frequent baths, there will be no perceptible odor if only 5 cubic feet of air per minute are furnished each person; but it is doubtful if less than 10 is a safe amount.

5th, The cold-air boxes, to supply the furnaces with pure air to be heated, should be as much as one foot by three, for a furnace to heat two rooms of proper size to accommodate 40 or 50 pupils each. A good arrangement would be to have two cold-air boxes opening on opposite sides of the house into free, open space, and so constructed that, when one must be closed on account of the wind being in that quarter, the other would be opened; the besetting sin of janitors being to shut the cold-air boxes either wholly or in part.

6th, Hot-air furnaces of boiler-iron, or at least those having brick-lined fire-pots, are preferable to those made wholly of cast iron; for the latter in very cold weather are kept constantly at a red heat, and impart a scorched and disagreeable odor to the air, and probably noxious gases besides.

These deductions are based wholly on our own observation and experience.

Directions to Janitors and Teachers.

The fire should be built early enough in the morning to have the whole house at a temperature of about 68° when school begins. Before school, and while the fire is low, the cold-air box may be partially, but never wholly, closed; but during school-hours it should *always* be fully open. The temperature of the rooms should be regulated as much as possible by proper attention to the furnace, to avoid the necessity of closing the hot-air register or opening doors or windows in the school-room, on account of too high a temperature. Directions for the school-room are exceedingly simple. While a fire is continued in the furnace, the lower ventilator should be *always* open, and the upper one *always* shut. When the furnace-fire is out in spring and fall, and as long as a fire is continued in the stoves at the bottom of the chimney, the lower register should be *always* shut, and the upper ones *always* open. All anxiety as to the purity of the air in the room may be dismissed from the teacher's mind, and she need only watch the thermometer to see that it stands within two degrees of 70°. If the room becomes too hot, she may shut the hot-air register partly, but not wholly, and open a door into the hall, or a window into some anteroom; for, if the inflow of air from the furnace be stopped, the only source of supply must be the crevices of doors and windows, and some other inlet for pure air must be sought.

If, with these precautions on the part of the teacher, the air of the room should still become close and foul, it may be taken for granted that the janitor has been tampering with the cold-air box, and it should be looked to at once.

In giving this minute account of what has been done to ventilate properly our school-houses, it is believed we have put on record, in an accessible form, such an illustration of

the true principles involved as may be a useful guide in the future in the construction of public buildings in this town at least; and we hope, also, that it will have the effect of calling public attention to this very important, but sadly neglected subject.

By referring to last year's report, and the account there given of the condition of the High School, it will be observed that the amount of ventilation in that building is scarcely above the minimum that is allowed for primary pupils by authorities who, according to our experience, place the volume of pure air required far too low. In view of the further fact that no means of ventilation is provided for that building when the furnaces are not in operation, we recommend that the sum of $575 be appropriated to ventilate the High-school building on the same plan as the others.

D. B. VAN SLYCK.

REPORT OF THE SUPERINTENDENT.

To the School Committee of Brookline.

In compliance with section sixth of your regulations pertaining to duties of superintendents, the following report is respectfully submitted:—

SUMMARY OF STATISTICS FOR THE YEAR ENDING FEB. 1, 1880.

Number of children in town between five and fifteen years of age, as appears by the census for May 1, 1879	1,352
school-houses	11
seats exclusive of three vacant rooms	1,457
pupils enrolled for the year	1,473
pupils over fifteen years of age	154
teachers in High School	4
teachers in grammar schools	16
teachers in primary schools	9
teachers in mixed schools	4
special teachers (drawing, 1; sewing, 1; music, 1)	3

If the Newton-street School, numbering at present only ten pupils, could be consolidated with the Heath-street School, a saving of the entire expense of the former would be effected, without adding to the cost of the latter, or impairing its efficiency.

The school is composed of the following classes: —

Sixth grammar	2 pupils.
Second primary	5 "
Fourth primary	2 "
Sixth primary	1 pupil.

It must be clear to any one at all familiar with school-work, that these could easily be incorporated into the corresponding classes in the Heath-street School without adding perceptibly to the labors of the teachers, or making the classes burdensome in point of numbers.

If we consider simply the educational interests of the pupils, the only question in this connection likely to arise is the following: Can children of that age be safely sent in all weathers so far to school?

The two schools are not more than a mile and a half apart, and all the pupils but one live to the east of the Newton-street building.

There will be occasionally in winter time days of severe storm, when children would not be sent even an eighth of a mile; but in ordinary weather, it seems to me, strong, healthy children can walk the distance without fatigue or danger to health.

Selection of Teachers.

As vacancies occur, we all know the difficulty in obtaining just the teachers we need; not that there is a scarcity of applicants with ample literary attainments, but teachers who are fitted by nature, as well as by education, for all the varied and responsible duties of training and guiding children intellectually, morally, and physically, are not so numer-

ous as at first thought might appear. The condition of our schools depends more upon the teachers, than upon all other aids or means combined, in the education of our children.

We may provide buildings, heat, ventilate, and furnish them with all necessary appliances; supply the teacher with a faultless course of study, full of suggestions and the most minute details; put in the hands of the pupils the best text-books the market affords, — and still the school will be a failure, if, from faults of temperament, dislike for her work, defective judgment, or from ignorance of human nature, the teacher is unfitted for her vocation.

No amount of book knowledge will compensate for natural defects in the character of the teacher.

It is a fact well known to educators, that teachers selected solely on the ground of literary attainments may fail from defects which cannot be discovered by any method of written examinations yet devised, and which appear only when the school-room test is applied.

The supervisors of schools in Boston recognize this fact in refusing to examine candidates who have not taught at least one school-year, or graduated from some normal school.

It will not do to rely wholly or mainly upon recommendations brought by applicants from friends or kind-hearted school boards, as the standard of excellence differs so widely in different places. Then, again, the circumstances under which a teacher has had experience in one place may be so unlike those which she will find in some other place.

I am satisfied the true policy for the Committee to adopt is, so far as practicable, to visit the schools of applicants, and ascertain from personal observation the following facts: —

1. Method of conducting recitations.
2. Skill in imparting instruction.
3. Ability to discipline or control.
4. Manners, whether calculated to win and attach pupils or to repel them.
5. Ingenuity and inventiveness in presenting subjects so as to make them attractive to a class.

Primary Schools.

How often we hear something like the following: "Anybody can teach a primary school"!

The remark could be made more truthfully with reference to any other grade, assuming, of course, that the teacher possesses the requisite knowledge of the branches taught.

The very best teaching talent is needed in the first two years of school-work. If the foundation is poorly laid, the pupils will suffer more or less through their entire subsequent course. We can better afford to have an inefficient teacher a year or two in any other grade, as less harm would be done.

In no other department of education has so striking and radical change been made, in a comparatively brief period, as in methods in primary instruction.

The old plan of teaching the alphabet as a foundation on which to build has virtually fallen into disuse.

The Commonwealth recognizes the school-going age at from five to fifteen years; but the child's education begins by observation when he first opens his eyes upon the world, and it never ceases, in the sense that no further growth is possible.

To assume, then, that a child five years old knows nothing, or that he never had a thought, would be an absurdity.

In preparing work for the youngest children, the question naturally arises, "What does an average child of five know?"

I have never found one who could not tell a cat from a dog, a chair from a table. In fact, children of that age know the names of nearly all the objects in the school-room, and the names of the objects which they see on their way to and from school. They can tell the names of their brothers and sisters; and if they bring two apples to school, and eat one, can tell how many they will have left; and, if they have one cent, can usually tell how many more they must get before they will have two cents.

We must avail ourselves of the knowledge they have; and, the nearer we can make our youngest grades of school like a well-regulated family, the better for the little children, that they may not, as was too frequently the case formerly, get an early distaste for school.

When once in school, they can, without delay, commence to learn the written forms which represent the names of the many objects they already know; and from script they readily turn to print, and at the end of the first six months will have a vocabulary of from fifty to seventy-five words, which they will recognize wherever and whenever they see them.

I have seen pupils who, at the end of a year's time, could write simple sentences on their slates, which other members of the same class could read, although they may never before have seen the same combination of words.

This plan, systematically adhered to, interests children, and thus far has proved satisfactory.

Language.

The study of language, so called, should be begun immediately on entering school, and continued through the pupils' whole course.

At first the teacher must be on her guard, and present subjects within the pupils' comprehension.

A simple picture can be shown to the children. Some one (as the case may be) can tell that it is the picture of a cat; another can tell what the cat appears to be doing, whether asleep, or in the act of catching a mouse; still another can tell something else, and so on. The teacher will then briefly sum up all the facts mentioned, and embody them into a sentence.

A year or two later the same children will, without questioning, be able to write on their slates many facts suggested by pictures or other objects. Still later on, proceeding systematically, they will be able to classify, state the properties of parts of speech, and learn the syntax of the language;

the object in view being to enable the pupils "to speak and write the English language correctly."

In all school-work we should never forget that there is a natural growth of mind as well as of body; and a boy of seven years of age has no more the mental strength of a boy of twelve, than he has the bodily strength.

And while prudent parents are careful to supply proper food for the bodily wants, and are equally careful not to impose tasks too great for the bodily strength, they sometimes overestimate the mental capacity of their children, and seem too anxious to hurry them through the schools at the expense of thoroughness.

Parents and teachers can produce subjects or occasions for thought, remove obstacles as we remove weeds from our flower-beds, direct the thought into proper channels, keep the children from pernicious books and bad associates as far as possible; but it is just as impossible to develop the same degree of mental activity and strength in all, as it would be to make all pupils grow a certain number of inches in height in a given time.

All we can do is to make circumstances favorable to growth, and then see that the child makes a wise use of his time and the faculties given him; and the child's Maker will take care of the growth of his mind as of the growth of his body.

Reading.

In order to read with expression, intelligence, and acceptation, the reader must understand the meaning of the author; and even then the effect upon those who listen will depend greatly on the quality of the voice, modulation, &c. Much attention, especially in the lower classes, should be given to drill exercises, that the pupil may early get control of his voice, which in some cases is well-nigh impossible.

A slovenly way of reading — consisting in clipping, hesitating, repeating, stumbling, and even stopping to spell out the words — should never be tolerated. If allowed for any great

length of time, the habit becomes so fixed as to be almost, if not entirely, past correction.

The undivided attention of the class should be secured during the reading, that every pupil may be able to detect the excellencies as well as the defects in the exercise. And the pupils, under proper restriction, may be allowed to criticise each other.

The mental discipline acquired in connection with reading will be of great value to pupils.

It is well occasionally to require silent reading. Let the teacher designate some piece which the class have never read, naming the page and title, and request them to read for ten minutes or some other definite time. At the expiration of the time specified, with books closed, request each pupil to write out what he remembers of the piece just read. Teachers who have never tried it will be surprised to see how much some pupils will remember, and how well they can state it, and equally surprised to see how much others have forgotten.

The reading in our schools is not altogether satisfactory, particularly in some of the lower grammar grades and primary schools, where it is too monotonous and lifeless, lacking in naturalness and clearness of enunciation. The teacher who is accustomed to the pupils' voices, quite likely, can understand what they are reading; but a stranger, listening without book in hand, would get little information in many instances. There are, however, notable exceptions to this statement.

We have now a fair supply of supplementary reading for the primary schools, sufficient to give each school new and fresh reading at the beginning of every month for the remainder of the year; and, with the interest at present manifested by teachers and pupils, I think we can safely predict an improvement in this very important branch of study in these schools.

I hope soon to see the grammar schools better supplied with supplementary reading; but I am not ready at present to make recommendations.

I wish here gratefully to acknowledge the interest taken by the Advisory Board in our schools. They have recently furnished, at their own expense, through their Secretary, Miss Guild, two copies of each of the following books: —

Cast Away in the Cold.
Eyes Right.
Silver Wings and Golden Scales.
Crofton Boys.
Higginson's United States History.
Doings of the Bodley Family.
Around the Yule-Log.
Tom Brown's School-Days.
Swiss Family Robinson.
Father Gabriell's Fairy.

Conclusion.

Sect. 6 calls not only for suggestions, but also for a general report of labors performed.

I can briefly say that I have endeavored faithfully and conscientiously to discharge all the duties incumbent upon me as Superintendent. How far I have succeeded is for you to judge.

All visits required by your regulations (with the exception of the Newton-street School, visited once a month) have been made. I have not apportioned off my time so as to allow an equal number of minutes to each room, but have used my judgment as to the necessity of extended or more frequent visits to some classes than to others. This, I assumed, would meet your approval. Some rooms I have felt obliged to visit nearly every day for weeks in succession.

The schools, as a whole, are doing good work. Whenever I have found objectionable methods, either in discipline or instruction, I have frankly so stated to the teacher.

It is not to be supposed, nor is it desirable, that each teacher will proceed, step by step, like every other teacher. A method which will work well in the hands of one would

be a failure if attempted by some other teacher of a different temperament, or with a different class of scholars.

Where teachers are proceeding systematically and successfully in their own way, the less they are interfered with the better.

The first question for every teacher to settle is, whether she has sufficient and reasonable control over her pupils, so that the school has a chance to succeed. Discipline, to many, is the most fatiguing and wearing of all labors.

I have had correspondence and frequent interviews with superintendents and supervisors; visited schools as often as my other duties would allow, in order to keep myself informed of the progress of instruction and discipline in other places; and I think it is not too much to say, that the schools of Brookline will compare very favorably with the best schools of this part of the State.

D. H. DANIELS,
Superintendent.

ADVISORY BOARD.

The sewing, which falls naturally under the care of the Advisory Board, has this year been given to one teacher only, who has filled her place with her well-known faithfulness, to the satisfaction of the ladies.

The ladies wish to congratulate the Committee and the town on the appointment of a superintendent who has helped to harmonize the work of the different schools, and lessen the pressure of too severe a system.

The introduction of supplementary writing-books, — used for copying, writing abstracts of stories or history, or for letters, — and also of books for reading at sight, seems to us excellent, helping the children to express themselves more freely and properly.

The resignation of Miss Woods in the spring, worn out and ill from her long and faithful service in the Brookline

schools, brought strongly before us the advantage and necessity of a retiring pension, on the plan now in use in Canada, for teachers after such a term of service as may be thought best.

The Boston police are entitled to retire on a pension after a service of fifteen years. The last report of the Boston School Committee recommends the formation of such a fund.

It is short-sighted policy to continue a teacher who has outlived her (or his) usefulness, whatever the age may be, because it is hard to take the only means of support from a faithful servant. A good teacher does not spare her strength, and wears out in the service of the children, whose parents should see to it that she should not suffer in consequence.

We wish to suggest the formation of "School Penny Savings Banks;" for we believe that self-respect will grow by holding a bank deposit, and saving a cent at a time will teach the value of money, so much needed in our reckless and extravagant country.

Such savings banks have been established for several years in France, Belgium, and Italy. The following passage from the "Statistics of Labor" will show the working of the plan: —

"Given a teacher who feels it his duty to cultivate habits of economy in his scholars, he proposes to them that they shall, as many as wish, become savings bank depositors; that every morning, or as often as may be, they shall bring to him the sous or even centimes they wish to put in the bank. He prepares for himself a register properly arranged, and a small book similarly arranged for each scholar. The children at morning roll-call pay in each his little sum; the teacher enters it in his own and the child's book. On the first day of every month he deposits at the nearest bank, in the name of the scholar, what he has collected.

"The amount of savings thus accumulated is not known, but that it is considerable is shown by the fact, that the savings banks which at first objected to receiving their deposits, and discouraged their formation, are now everywhere anxious for their establish-

ment. Teachers who at first objected are now emulous in encouraging it."

We wish to recommend that teachers of the upper grammar schools be asked to interest themselves in the reading of their pupils out of school, and would suggest the pupils should be asked to bring a written list of the books they are reading, or have lately read, to be talked over with the teacher when possible; for we believe in the indirect influence of the higher tone over the lower, — the insensible growth of a better taste, by which those who read only poor sensational stories will grow ashamed of such tastes.

We earnestly wish some instruction could be provided for the upper classes, especially for those pupils who do not go on to the High School, in the foundation principles of law and government.

Demagogues would lose half their dangerous power if boys at school were taught the duty of upholding and respecting the laws of the town and State, — taught something of the laws of trade and property, and the dishonor of repudiation.

If the teachers have not the time to give to such teaching, why could not some member of the School Committee talk to them about such matters?

A truth strongly and tersely expressed, a quick emphatic sentence, stays in the memory, — becomes a living thought in the young mind to balance and protect against the careless generalities of shallow speakers.

E. Q. GUILD,
Secretary Advisory Board.

CONCLUSION.

Those interested in education know that a change in the methods and objects of teaching is working in the community. This change is for the better. It is in the direction

of simplicity, naturalness, freedom, and thoroughness. Artificial rules of teaching, built upon theories, but having no solid foundation in experience, are rapidly being discarded from the public-school systems of the country. Col. Parker of Quincy has been connected with this movement, and has done much in our own vicinity to clear away the rubbish of dead formalities, useless requirements, and pernicious methods.

Utility, in its broadest sense, should determine what should be attempted in education. We are preparing our boys and girls for no Utopia. Education should not be separated from the daily life, but should be conjoined with it. Education should directly prepare the young for business and professional life, and help form moral, upright men and women.

We have taught heretofore too much in the abstract. We have not thought enough of the *application* that was to be made of learning: consequently the connecting link between use and knowledge has not been strengthened as it should be.

This community has suffered from the deficiencies and evils of an artificial system of education in common with other parts of the State and nation; but it is among the first to recognize and adopt the new methods of simplicity. During the last few years our primary schools have wonderfully improved. Any one visiting these schools will note the pleasure with which the little ones now learn. Variety has been introduced into the programme. Freedom exists without disorder; system, without stiff artificiality.

These ideas, that have been applied so successfully in the lower grades, are gradually being brought to bear upon the higher; and, as the pupils pass from the lower to the higher grades, the influence will work its way throughout the whole system.

The Committee have taken especial pains to secure the best teachers to embody these ideas. They inquire carefully into the standing, qualifications, and character of the candi-

date, and, in almost every case, visit him or her in the school-room.

Such has been the work that your Committee have been trying to accomplish. Its nature can only be indicated: it cannot be described in a brief report like this.

The responsibility that rests upon the School Committee is fully recognized by us. The education of a very large proportion of the youth of the town is a matter of very great importance. The success depends upon the means employed by the Committee. The selection of teachers, the use of text-books, the course of study, the methods of instruction, are all in our control.

It must be understood, however, that we are not free from the influence of public opinion. We have not always felt at liberty to do as we wished. Teachers are sometimes retained when a change would be beneficial, simply because this influence has been exercised. Several important changes have been made the past year, and we ask the support and co-operation of the public in what we shall deem to be wise for the continued welfare of the schools.

Respectfully submitted.

W. H. LINCOLN, *Chairman*,
W. GODDARD, JR., *Secretary*,
G. BROOKS,
M. DRISCOLL,
L. K. STORRS,
A. MASON,
D. B. VAN SLYCK,
W. T. R. MARVIN,
L. J. MORRIS,
School Committee of Brookline.

FEBRUARY, 1880.

AUDITORS' REPORT

OF THE

TOWN OF BROOKLINE,

FOR THE

YEAR ENDING FEBRUARY 1, 1880.

REPORT.

THE Auditors for the year ending Jan. 31, 1880, have examined the accounts of Moses Withington, Treasurer of the town of Brookline, of the Warren Tree Fund, and of the Walnut Hills Cemetery Fund, and find the same correctly cast, and with proper vouchers and warrants.

At the beginning of the financial year the unpaid taxes for the past six years were, —

	For 1874.	For 1875.	For 1876.	For 1877.	For 1878.	For 1879.
Received during the year, and abated during this and former years . .	$694 05 20 00	$365 88 17 40	$930 40 343 16	$7,427 25 5,940 25	$14,058 59 9,314 34	
Leaving unpaid at end of year . .	$674 05	$348 48	$587 24	$1,487 00	$4,744 25	$16,526 63

It will be observed from the Treasurer's report, that the by-law of the town adopted in 1874, concerning contracts by town officers, to which attention was called by the Auditors in their report last year, has been again disregarded this year.

The following table gives the recommendations for appropriations for the coming year, and the expenditures for the same accounts the previous year: —

Object of Appropriation.	Appropriation Recommended.	Expended last Year.
Abatement of taxes	$1,000 00	$1,395 18
Assessors	2,000 00	2,000 00
Auditors	150 00	30 00
Cemetery, Walnut Street	200 00	157 50
Clerk of Selectmen and of Overseers of Poor	500 00	500 00
Clerk of Trustees of Walnut Hills Cemetery	150 00	150 00
Construction of Brook Street and two short streets (re-appropriation)	6,000 00	31,748 62
Contingencies	8,000 00	5,836 56
Decoration Day	300 00	300 00
Fire Department	7,000 00	6,992 57
New hose	1,000 00	1,000 00
Health Department	1,200 00	991 25
Highways	12,000 00	15,793 82
Highways, removing snow from sidewalks	2,000 00	2,334 88
Industrial School	200 00	
Interest on town debt	92,500 00	93,121 05
Library	4,000 00	4,000 00
Librarian's salary	1,200 00	1,200 00
Lighting streets	8,000 00	11,109 96
Overseers of the Poor	1,000 00	964 25
Police	13,000 00	12,694 93
Poor, support of	6,000 00	6,883 66
Plans for construction of sewer system (re-appropriation)	1,500 00	
Repairs of town buildings	1,000 00	1,784 29
Ringing bell	175 00	162 00
Selectmen	2,000 00	1,900 00
Sewers, care of	1,000 00	1,005 88
Sidewalks	4,000 00	3,965 23
Sinking Fund	59,956 19	58,600 00
To pay amount borrowed in 1879 in anticipation of taxes for construction of Brook Street, two short streets, and sewer	20,000 00	
Soldiers, disabled, and families of deceased soldiers	250 00	160 00
State aid	800 00	762 50
Schools	36,000 00	36,012 00
Schools, interior repairs of	500 00	
To pay amount borrowed in 1879 in anticipation of taxes for building new schoolhouse	5,000 00	
Superintendent of Streets	1,200 00	1,200 00
Town Clerk	500 00	500 00
Town Hall, lighting, care of, and janitor	2,500 00	2,017 48
Treasurer and Collector	2,000 00	2,000 00
Water-works, extension of	8,000 00	5,134 34

Object of Appropriation.	Appropriation Recommended.	Expended last Year.
Water-works, maintenance of	7,600 00	6,727 39
Water-works, moving pumping-station, &c. (re-appropriation)	10,746 47	24,253 53
Watering streets	4,000 00	4,004 07

ALBERT L. LINCOLN, Jr.,
HORACE D. CHAPIN,
WILLIAM D. COOLIDGE,
Auditors.

TAX LIST

OF THE

TOWN OF BROOKLINE,

FOR THE YEAR 1879.

RATE, $12.50 ON $1,000.



BOSTON:
FRANKLIN PRESS: RAND, AVERY, & CO.
1880.

LIST OF RESIDENTS ASSESSED POLL TAX ONLY FOR 1879.

NAMES AND RESIDENCES.

Abbott, Hollis E., Vernon street.
Adams, David, School street.
Adams, John S., Harvard avenue.
Adams, Matthew, Juniper street.
Allen, Howard A., Dudley street.
Allen, John, Elm place.
Allen, Morton, Newton street.
Anderson, Chas. F., Linden-place court.
Annable, John J., Davis court.
Arthur, Alexander S., Colonnade hotel.
Arthur, Charles, Colonnade hotel.
Atkinson, Charles M., at J. L. Gardner's.
Atkinson, C. M., jun., at J. L. Gardner's.
Averill, John S., Walnut street.
Avery, Andrew, at W. F. Hall's.
Ayers, John, Elm place.

Bacher John, Washington street.
Badger, Samuel A., Hotel Kempsford.
Bailey, Arthur, Davis court.
Baker, Edward W., Cypress street.
Ball, Emerson C., Washington street.
Ball, Hezekiah, Juniper street.
Ballou, Henry E., Boylston street.
Barker, George, Elm place.
Barr, Daniel, Boylston street.
Barrett, George T., Searle avenue.
Barrett, Martin, Juniper street.
Barrett Michael, Morss avenue.
Barrett, Thomas, Juniper street.
Barrett, Thomas, jun., Juniper street.
Barrett, William, Juniper street.
Barry, Thomas, Brighton street.
Barry, William, Morss avenue.

NAMES AND RESIDENCES.

Brickley, Edward, Morss avenue.
Bridgman, Albert L., Harvard street.
Brigham, William, Juniper street.
Brockway, Samuel J., Park street.
Brodhead, Daniel D., Boylston street.
Broderick, Morris, Pearl street.
Brooks, Gardner C., Harvard street.
Brown, Frank M., Walnut street.
Bryant, John, Brookline avenue.
Bryant, Thomas G., Davis court.
Bruce, Benjamin, Davis avenue.
Bruce, George H., Davis avenue.
Bugbee, George A., High street.
Bulliman, Cornelius, Boylston street.
Burditt, George A., Harvard avenue.
Burke, James, Washington street.
Burke, John, Washington street.
Burke, Timothy, Pearl street.
Burke, William, Washington street.
Burns, John J., Boylston street.
Burns, Matthew, Walnut street.
Burns, Matthew, Clyde street.
Burns, Patrick, at A. Lowell's.
Bush, Charles F., Boylston street.
Bush, Daniel F., Beacon street.
Bush, S. Dacre, Beacon street.
Byrnes, James F., Brighton street.
Byrnes, John W., Brighton street.
Byrnes, P. W., Boylston street.
Butterworth, Benjamin, Davis avenue.

Cabot, Frank E., Clyde street.
Cabot, Patrick, at T. B. Griggs's.
Cabot, William R., Warren street.

NAMES AND RESIDENCES.

Chamberlain, Frederick E., Beacon st.
Champion, Willett, Newton street.
Chandler, Alfred D., Washington street.
Chandler, Sumner C., Washington st.
Chase, Edward E. H., at E. C. Emerson's.
Chase, Walter G., St. Paul street.
Chapman, John N., Vernon street.
Chapman, L. Dana, Vernon street.
Chester, Walstein R., Walnut street.
Cilley, Charles H., Davis court.
Chapin, Herman, High street.
Chapin, Horace D., High street.
Clark, Burnham C., School street.
Clark, Edward, Newton street.
Clark, George E., Searle avenue.
Clark, Henry B., Kent street.
Clary, Patrick, Emerald street.
Clear, Patrick, Chestnut street.
Clune, James, Beacon street.
Clune, John, Rooney's block.
Cobb, John C., Walnut street.
Cobb, Henry J., Walnut street.
Cochran, John, Pearl street.
Cochran, William, Pearl street.
Coffin, Noble H., South street.
Cole, Charles C., Essex street.
Cole, George F., Essex street.
Coleman, Dennis, Brighton street.
Coleman, William C., Walnut street.
Collins, Michael, Brookline avenue.
Colman, Thomas, Avon street.
Condry, John, Houlihan avenue.
Condry, Michael, Houlihan avenue.
Connelly, Edward, Carlton street.

Bartholomew, John C., Washington st.
Baxter, Benj. F., Linden-place court.
Beals, Samuel, Davis avenue.
Bean, Thomas, Davis avenue.
Bemis, Charles M., Newton street.
Bemis, Edward C., Newton street.
Bennett, James, Washington street.
Bennigan, Hugh, at H. Gardner's.
Benton, Edward A. R., Marion street.
Bertch, Leo, Boylston street.
Bigham, John, Juniper street.
Bill, John, Pleasant street.
Bishop, Elias, Egmont street.
Blaisdell, John E., Carlton street.
Blakely, James, Brown street.
Boardman, Charles A., Harvard street.
Bonasena, Edward, Boylston street.
Bond, John S., Marion street.
Borland, John, Pearl street.
Borland, John, jun., Pearl street.
Bowditch, Charles A., High street.
Bowditch, Ernest W., Tappan street.
Bowditch, Frederick C., Tappan street.
Bowes, William, Washington street.
Bowker, Walter H., Thayer place.
Bowler, Joshua, Walnut street.
Bowles, Ralph D., St. Paul street.
Bowman, Alonzo, School street.
Bowman, Walter H., School street.
Boyd, John, Boylston street.
Boyden, Addison, Cypress street.
Boylen, James, at C. Faulkner's.
Boylen, Matthew J., Harvard street.
Boylen, Thomas, at W. J. Hyde's.
Boynton, J. Farley, Davis court.
Boynton, Seth W., Davis court.
Boyt, Robert A., Hawes street.
Bradley, Stephen S., Walnut street.
Brawley, James, Washington street.
Brennan, James, White place.
Cady, John, South street.
Cahill, Lawrence, Carlton street.
Cahill, Matthew, Walter avenue.
Cahill, Richard, Carlton street.
Cairns, Timothy, Pearl street.
Calef, Timothy, house of Matthews, School street.
Campbell, Hamilton, Juniper street.
Campbell, John, Heath street.
Cane, Michael, Clyde street.
Canny, John, Fay place.
Canovan, Edward, Brookline avenue.
Cantwell, James, Boylston street.
Cantwell, Lawrence, Boylston street.
Canty, Michael, Boylston street.
Capell, William B., Pleasant street.
Carey, Owen, Boylston street.
Carey, Thomas, Boylston street.
Carlson, Charles, Harvard street.
Carmody, John, Juniper street.
Carmody, John, Brookline avenue.
Carmody, Michael, Juniper street.
Carmody, Patrick, Juniper street
Carnes, George H., Webster place.
Carnes, George W., Webster place.
Carnes, Herbert W., Webster place.
Caron, Michael, Pearl street.
Carroll, John, Boylston street.
Carroll, Michael, Harvard street.
Carson, James, Colchester street.
Carter, James L., Monmouth street.
Carton, Joseph C., Ivy street.
Cary, Peter, Pearl street.
Case, Jason, Washington street.
Casey, James, Heath street.
Casey, John, Kerrigan place.
Casey, Michael, Harvard street.
Cate, Edwin J., St. Mary's street.
Caton, John, Clyde street.
Cavit, Patrick, Brookline avenue.
Conner, Henry, at T. Parsons's.
Conner, William, Walter avenue.
Conners, Charles, Morss avenue.
Conriff, James H., Chestnut place.
Conriff, John, Chestnut place.
Conry, Daniel H., Brookline avenue.
Conry, Michael F., Brookline avenue.
Conry, Patrick, Brookline avenue.
Conway, Bartholomew, Brookline av.
Conway, John, Brookline avenue.
Conway, Patrick, Brookline avenue.
Conway, Patrick, Boylston street.
Cook, John, Morss avenue.
Cook, Richard, Brookline avenue.
Cook, William H., School street.
Cooledge, George H., Harvard street.
Cooledge, James N., Harvard street.
Cooper, William A., Thayer place.
Copeland, Isaac C., Pleasant street.
Corcoran, Michael, Brookline avenue.
Cormerais, Henry K., Searle avenue.
Corey, Alonzo W., Walnut street.
Coss, James, Walter avenue.
Costellow, Martin, at A. Lowell's.
Costellow, Michael, Pearl street.
Cottam, Thomas, Linden place.
Cotter, Frank, Walnut street.
Cotting, Charles E., Hawes street.
Cotton, Frank B., Kent street.
Cotton, Walter G., Kent street.
Cousens, John E., Brighton avenue.
Coyen, James, at T. B. Griggs's.
Coyen, James, Brookline avenue.
Coyen, Patrick, at C. Thorndike's.
Craig, Joseph, Pleasant street.
Craffy, John, Pearl street.
Crane, James, at George Dexter's.
Crane, Timothy, Sewall street.
Cranwell, Edward, Chestnut street.
Cranwell, Henry, Chestnut street.

NAMES AND RESIDENCES.

Crawley, Jeremiah, Pearl street.
Crawshaw, Joseph, Washington street.
Creelman, George W., Harvard street.
Crohan, Michael, Emerald street.
Crohen, Frank, Walter avenue.
Cronan, Stephen, Pearl street.
Cronen, Hugh, Morss avenue.
Crosby, Benjamin H., Thayer place.
Crosby, Edwin T., Washington street.
Crosby, James B., School street.
Crosby, Michael, Kerrigan place.
Crosby, Patrick, Brookline avenue.
Crosby, William F., Thayer place.
Cross, James, Washington street.
Crook, Edward, Walter avenue.
Cullinane, Michael, jun., Pearl street.
Cummings, William, High street.
Cunneen, John, Hammond street.
Cunningham, John W., Fairmount.
Cunningham, Patrick, Pearl street.
Curley, James H. Washington street.
Curtis, John, at J. L. Gardner's.
Curtis, J. Gardner, Longwood avenue.
Currier, E. P., Walnut street.
Curry, James, Boylston street.
Curry, John, Emerald street.
Curry, Simon, Brookline avenue.
Cushing, James, at J. Amory's.
Cusick, Edward, Boylston street.
Cusick, James, Walter avenue.
Cusick, Michael, Boylston street.
Cusick, Patrick, Brookline avenue.
Cusick, Thomas A., Walter avenue.
Cusick, Thomas J., Washington street.

NAMES AND RESIDENCES.

Dillon, Patrick, White place.
Diman, Henry C., Kerrigan place.
Dinam, John, Washington street.
Dizer, Silas C., St. Paul street.
Dodge, Col. Theodore A., Heath street.
Dolloff, Abner P., Boylston street.
Dolloff, Irving M., Boylston street.
Donahoe, John, Brookline avenue.
Donahoe, Martin, Brookline avenue.
Donald, William A., Monmouth street.
Donellan, Edward, Boylston street.
Donellan, Thomas, Boylston street.
Donovan, Dennis, Pearl street.
Donovan, James, Pearl street.
Donovan, James, Walnut street.
Donovan, Michael, Walter avenue.
Dooley, Jeremiah, Juniper street.
Dooley, Thomas, Washington street.
Doran, Enoch E., Ackers avenue.
Doran, Levi, Washington street.
Dow, Charles A., Newton street.
Downer, Fred. W., Colonnade block.
Downie, John, Monmouth court.
Downie, William, Monmouth court.
Doyle, Charles, Washington street.
Doyle, Luke, Thayer place.
Doyle, Patrick, Babcock street.
Driscoll, Dennis, Harrison place.
Driscoll, James, Walter avenue.
Driscoll, Jeremiah, Pearl street.
Driscoll, Michael, Harrison place.
Driscoll, Timothy, Harrison place.
Drohan, John, Juniper street.
Drohan, William, Juniper street.

NAMES AND RESIDENCES.

Fillebrown, Walter, Harvard street.
Finn, Thomas, Pearl street.
Finnegan, Arthur, Brookline avenue.
Finnegan, Barney, Heath street.
Finnerty, Patrick, Villa lane.
Finnerty, Martin, Cottage street.
Fisher, George A., Heath street.
Fisher, William B., Heath street.
Fitzgerald, Daniel, Linden place.
Fitzgerald, Nicholas, Boylston street.
Fitz Hussey, Charles, School street.
Flaherty, Charles, Pearl street.
Flanagan, Michael, Brookline avenue.
Fleming, Patrick, Pearl street.
Fleming, Patrick, Cyprus street.
Flynn, Thomas, at William Griggs's.
Fogerty, Henry, Juniper street.
Fogg, George P., Harvard street.
Forbes, Fayette F., School street.
Ford, Charles B., Clyde street.
Foster, Charles, Brighton avenue.
Foster, John H., Monmouth street.
Foster, Oren, Newton street.
Fowle, James, Flora street.
Francis, Nathaniel A., Davis avenue.
Frazer, Peter G., Walnut street.
Frawley, Daniel, Harrison place.
Frawley, Patrick, Pearl street.
Frawley, William, Washington street
French, Alexis H., Searle avenue.
Fuller, ——, Houlihan avenue.
Fuller, Edward A., Carlton street.
Fuller, Frank W., Fay place.
Fuller, Horace W., Walnut street.

Cutler, Abraham L., Chestnut place.
Cutler, Frank H., Chestnut place.
Cutler, William S., Walnut street.
Cutting, Charles F., Monmouth street.

Dacey, Michael, Chestnut street.
Daley, Patrick, Boylston street.
Dallas, Horatio N., Pleasant street.
Dalton, John, Sewall place.
Dalton, Michael, Sewall place.
Dana, Richard H., Freeman street.
Dana, William J , Harvard street.
Danforth, Fitz Albert, Thayer place.
Danforth, Lucius, Thayer place.
Daniels, Frank W., Washington street.
Daniels, Philip, Washington street.
Darracott, Franklin M., Harvard av.
Davis, Ginery T., Colonnade block.
Davis, Isaac S., Waverly place.
Davis, Sanford, Colchester street.
Davis, William, Monmouth street.
Davis, William, Washington street.
Daxon, Michael, Walter avenue.
Dea, Thomas, Boylston street.
Dea, William, Boylston street.
Dearborn, George F., School street.
Decker, William, Harvard street.
Delano, Charles E., Washington street.
Delano, Clarence A., Washington street.
Delano, George H., Washington street.
Delano, William H., Washington street.
Delodge, Richard, Boylston street.
Dempster, Thomas W., Harvard street.
Desmond, John, Juniper street.
Devine, Alphonso, Summit avenue.
Devine, Patrick, Boylston street.
Devlin, Joseph, Juniper street.
Dewick, William, South street.
Dewing, Sylvester S., Davis avenue.
Dexter, John, Harvard street.

Drohen, Patrick, Sewall place.
Druse, George E., Boylston street.
Duffy, Arthur, Boylston street.
Duffy, Michael, Washington street.
Duga, Augustus, Washington street.
Dugan, James, Sewall place.
Duncanson, Charles, Walnut street.
Dunn, John, Juniper street.
Dunyan, Howard M., Marion street.
Dustin Ebenezer F., Walnut street.
Dwight, Charles, Warren street.
Dwight, William, Cottage street.
Dwyer, Bernard, Boylston street.
Dwyer, James, Boylston street.
Dwyer, James, Kerrigan place.

Eager, Henry B., Harvard street.
Eagle, John, Clyde street.
Eaton, William, Harvard street.
Edgar, George, Washington street.
Edwards, Samuel D., Harvard street.
Emerson, Edward D., Corey hill.
Emerson, Paul, at W. Humphrey's.
Emery, James P., Walnut street.
Emery, William, White place.
English, John, Newton street.
Esty, C. J., Washington street.
Everett, George E., Warren street
Eveleth, Harlan F., Pleasant street.

Fallon, John, Chestnut street.
Farnham, Charles, P., Francis street.
Fay, Charles, Davis avenue.
Fay, Henry G., Davis avenue.
Fay, John, Boylston street.
Fearnher, Carl, Brighton street.
Ferris, E. Mortimer, Alton street.
Field, Franklin B., Washington street.
Fillebrown, Edward, Harvard street.
Fillebrown, Frank, Harvard street.

Fuller, ——, at Mrs. West's.
Funk, Charles J., Davis court.

Gaffy, John, at H. M. Whitney's.
Gallagher, Anthony, Sewall place.
Gallagher, James, Juniper street.
Gallagher, James, jun., Fay place.
Gallagher, James F., Pearl street.
Gallagher, John, Pearl street.
Gallagher, John, Fairmount.
Gallagher, Martin, Fairmount.
Gallagher, Patrick, Pearl street.
Gallagher, Patrick, Pearl street.
Gallagher, Terence, Juniper street.
Gallison, George W., Harvard street.
Gallison, Henry, Harvard street.
Gallison, Joseph, Harvard street.
Gardiner, George W., South street.
Gardiner, John W. T., Monmouth court.
Gardiner, Robert H., Monmouth court.
Gardner, Philip F., Washington street.
Garrett, Daniel W., Hotel Kempsford.
Garrett, Frank, Hotel Kempsford.
Geary, Owen, Boylston street.
Geddes, James jun., Fairmount.
Getchell, Isaiah S., Harvard street.
Gifford, Albert, Newton street.
Gilfoil, Jeremiah, Harvard avenue.
Gillespie, Bernard, Juniper street.
Gleason, James, Washington street.
Gleason, John, Juniper street.
Glenn, James, Boylston street.
Glennan, Patrick, Chestnut street.
Glennan, Michael, Chestnut street.
Glynn, John, Goddard avenue.
Goddard, Warren, School street.
Goodhue, Frank A., Marion street.
Gooding, Charles, Harvard street.
Goodnow, William, Linden place.
Goodspeed, Munroe, Marion street.

NAMES AND RESIDENCES.

Goodwin, Willard A., Goodwin place.
Gooley, Thomas, Boylston street.
Gordon, Frederick, Davis court.
Gordon, Michael, Aspinwall avenue.
Gordon, Sylvanus, Harvard street.
Gould, Arthur C., Francis street.
Gould, Robert, Washington street.
Gowan, John C., Washington street.
Graham, Henry J., Hawes street.
Grann, Peter, at J. Jones's.
Greene, Benjamin H., Marion street.
Griffin, Andrew, Brookline avenue.
Griffin, Gerrold T., Thayer place.
Griffin, Henry G., Thayer place.
Griffin, Patrick, Pearl street.
Griggs, William J., Harvard street.
Grush, Charles G., Walnut street.
Grush, John H., Davis court.
Gutterson, Edwin M., School street.
Gwynn, William H., Pleasant street.

Haggerty, John, Pearl street.
Haggerty, Francis, Brookline avenue.
Halfenstein, Frank L., White place.
Hall, Frank B , High street.
Hall, Henry M., Washington street.
Hall, James, Pearl street.
Hall, John C , Carlton street.
Hall, Lewis, Washington street.
Hallen, Owen, Pearl street.
Hallett, Henry R., Walnut street.
Hallett, William R., Walnut street.
Hand, George B , Andem place.
Handrahan, Michael, Brookline avenue.

NAMES AND RESIDENCES.

Higgins, Wallace, Corey hill.
Hilton, John T., Washington street.
Hoar, J. Blakely, Beacon street.
Hoban, John, Emerald street.
Hobbs, William, Harvard avenue.
Hogan, Patrick, Emerald street.
Hogan, Peter, Pearl street.
Holleran, John, Pearl street.
Holleran, Patrick, Boylston street.
Holleran, Stephen, Pearl street.
Holleran, William, Hammond street.
Holmes, Henry, Walnut street.
Holt, Edward B , Washington street.
Homer, Frederick H., Gorham avenue.
Hoole, Charles, Boylston street.
Hooper, William E., Thayer place.
Hopkinson, William L., Washington st.
Horan, George, Pearl street.
Horton, James W., Davis court.
Howard, Arthur T., Kent street.
Howard, Joseph C., Beacon street.
Howard, Patrick, Sewall place.
Howe, Reginald H., Monmouth court.
Hubbard, Elliot, Hawes street.
Hubbard, Francis S , Colchester street.
Hubbard, John G., Colchester street.
Hubbard, Richard, Hawes street.
Hughes, Charles, Pearl street.
Hughes, Perry, at C. P. Bancroft's.
Humphrey, Simon P., Beacon street.
Hunnewell, Francis, Park street.
Hunnewell, Walter W., High street.
Hunt, Thomas G., Davis avenue.
Hunting, Charles F., Thayer place.

NAMES AND RESIDENCES.

Keefe, John D., Carlton street.
Keefe, Joseph, Davis court.
Keegan, John, jun., Carlton street.
Keegan, William, Carlton street.
Keenan, Michael, Pearl street.
Keenan, Patrick, Pearl street.
Keenan, Thomas, Boylston street.
Kellaher, Richard, Sewall place.
Kelly, Carlton, Linden place.
Kelly, Carlton F., Boylston street.
Kelly, James, Pearl street.
Kelly, James H., Boylston street.
Kelly, John, Pearl street.
Kelly, John, Cypress street.
Kelly, John, Houlihan avenue.
Kelly, John, Kerrigan place.
Kelly, John, Chestnut street.
Kelly, John W., School street.
Kelly, Philip, Brookline avenue.
Kelly, Thomas, Boylston street.
Kelly, Thomas, Walnut street.
Kelly, Thomas, at W. H. Wilder's.
Kendall, Henry A., Fairmount.
Kendall, Henry P., Fairmount.
Kendall, Richard T., Fairmount.
Kendall, William, Sewall place.
Kendrick, George P., Walnut street.
Kennedy, Peter, Washington street.
Kenny, Patrick L., at W. H. Gardiner's.
Kenrick, Alfred E., Washington street.
Kenrick, David A., Waverly place.
Kenrick, Moses F., Aspinwall avenue.
Kemp, Arthur, Cypress street.
Kemp, Arthur E., Cypress street.

Hanley, Michael, Walter avenue.
Hanlon, William, Brookline avenue.
Hanovan, Patrick, Brookline avenue.
Hapgood, Charles E., Vernon street.
Hardy, Edward D., Mountford street.
Harrington, Clarence A., Beacon street.
Harrington, Dennis, Boylston street.
Harrington, Edward E., Davis court.
Harrington, John, Washington street.
Harriman, Nathaniel H., Aspinwall av.
Harris, Charles A., Vernon street.
Harris, Samuel, Davis avenue.
Hart, Edgar, at H. E. Raymond's.
Hartigan, Patrick, Boylston street.
Hartnet, John, Pearl street.
Hartnet, Morris, Pearl street.
Hartnet, William, at I. Sargeant's.
Hartshorn, Willie, Davis court.
Harvey, George, Harvard place.
Harwood, Albert S., Davis avenue.
Hastings, Levi W., Clyde street.
Hays, Jeremiah T., White place.
Hays, John, Juniper street.
Hays, John, Pearl street.
Hazeltine, William S., Chestnut street.
Head, Harris, Clyde street.
Healy, David, Brookline avenue.
Healy, Edward, at J. S. Amory's.
Heard, Leander B., at Mrs. West's.
Heath, Frederick A., Boylston street.
Heath, William, Washington street.
Heath, William, jun., Washington st.
Heman, Udolphus, Ridgway street.
Hench, William, Beacon street.
Hennessy, Michael, Juniper street.
Hennessy, Thomas, Juniper street.
Herr, William, at C. Stearns's.
Hichborn, William C., Carlton street.
Hichings, George T., Harvard street.
Hickey, John, Brookline avenue.
Hunting, Henry H., School street.
Hurd, George F., High street.
Hurd, Henry, Walnut street.
Hurley, Patrick, Heath street.
Hutchins, John F., Washington street.
Huxford, William, Auburn street.

Jackson, Isaac N., Park street.
James, Albert E., Washington street.
James, Charles, Colchester street.
Jenks, Charles M , Rooney's block.
Jennings, W , Pearl street.
Jewett, Clarence T., Hotel Kempsford.
Johnson, Andrew, at C. Stearns's.
Johnson, Carl, at W. Humphrey's.
Johnson, Felix, jun., Walnut street.
Johnson, George F., Harrison place.
Johnson, George H., Harrison place.
Johnson, John, at W. Humphrey's.
Johnson, John, at J. C. Abbott's.
Johnson, John, Pearl street.
Johnson, J. Frank, Washington street.
Johnson, Leonard F., School street.
Johnson, Michael, Pearl street.
Johnson, Oliver, Prescott street.
Johnson, Patrick, Pearl street.
Johnson, Richard, Pearl street.
Jones, Artemas S., Walnut street.
Jones, Christopher, Brookline avenue.
Jones, Edward, Brookline avenue.
Jones, Edward A., Brookline avenue.
Jones, Henry, at W. H. Gardiner's.
Jones, James, Brookline avenue.
Jones, Winthrop B., Harrison place.
Joy, William B., Washington street.
Joyce, George F., jun., Washington st.
Joyce, Thomas, Pearl street.

Kean, Andrew, Pearl street.
Keefe, John, at J. W. Hyde's.
Kernan, John, at W. J. Hyde's.
Kernan, John, Babcock street.
Kernan, John M., White place.
Kilday, Michael, Walter avenue.
Kimball, Arthur W., Boylston street.
Kimball, Francis R., Boylston street.
King, James, Davis court.
King, Robert, Walter avenue.
King, William, Davis avenue.
Kingman, Bradford, Washington street.
Kingman, Martin, Washington street.
Kirk, Patrick, Washington street.
Kirke, John W., Washington street.
Kirke, Patrick, Washington street.
Klattenburg, James, Fairmount.
Kneeland, Michael, Morss avenue.
Knott, Charles, Washington street.
Koch, John, jun., Washington street.

Lacy, John, Juniper street.
Lahaff, Michael, Boylston street.
Lally, John, at W. H. Gardiner's.
Lally, Michael, at H. V. Poor's.
Lamb, Henry W., High street.
Lannan, John, Brookline avenue.
Lansing, John A., Linden place.
Larkin, Patrick, Pearl street.
Larkin, Thomas, Juniper street.
Lawrie, James D., Davis court.
Leahy, John, Boylston street.
Leahy, Michael, Boylston street.
Leavitt, Charles, Davis court.
Leavitt, John, Davis avenue.
Lewis, Nathan C., Prospect street.
Lewis, Thomas, Freeman street.
Libby, Franklin, White place.
Libby, John H., White place.
Liddy, James, Boylston street.
Liddy, John, Washington street.
Lincoln, Albert L., Harvard street.

POLL TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	NAMES AND RESIDENCES.	NAMES AND RESIDENCES.
Lincoln, Albert L., jun., Harvard street.	Mason, William, Pearl street.	McKenzie, Samuel, Juniper street.
Lincoln, Edwin H., Harvard street.	Massett, John, Walter avenue.	McKeon, George, Walter avenue.
Lincoln, Henry, Still street.	Massy, James, Juniper street.	McLane, John, at W. J. Hyde's.
Lincoln, Roland C., Still street.	May, George W., Marion street.	McLaughlin, James, Washington street.
Lincoln, William, Marion street.	Mayler, John, at T. W. Griggs's.	McLaughlin, Owen, Heath street.
Lincoln, William E., Vernon street.	Mayo, Aaron D., Harvard street.	McMahan, James, Pearl street.
Linnehan, James, at Mrs. Salisbury's.	Mayo, Herbert A., Davis avenue.	McMahan, John, Fairmount.
Little, Joshua, Prospect street.	Mayo, James H., Davis avenue.	McMahan, Thomas, jun., Kerrigan pl.
Little, Thomas, Freeman street.	Mayo, Joseph, Boylston street.	McMannus, Patrick, Newton street.
Lody, Timothy, Pearl street.	McAndrews, James, Ackers avenue.	McMullen, James, at G. F. Fabyan's.
Logan, Gilbert, Ridgway street.	McAndrews, Thomas, Ackers avenue.	McNally, Robert, Ridgway street.
Long, Alanson, Harvard street.	McAvoy, Edward, Andem place.	McNamara, Daniel, Boylston street.
Long, Garrett, Newton street.	McBurney, James, Pleasant street.	McNamara, Dennis, Walter avenue.
Long, John, Newton street.	McCaffrey, Hugh, Brookline avenue.	McNamara, James, at W. C. Cabot's.
Long, John, Chestnut street.	McCaffrey, James, Ridgway street.	McNamara, John, Pearl street.
Long, Thomas, Chestnut street.	McCarthy, Daniel, Pearl street.	McNamara, John, Pearl street.
Lowder, John, South street.	McCarthy, John, Emerald street.	McNamara, John P., Walter avenue.
Lowell, A. Lawrence, Heath street.	McCarthy, Lawrence J., Newton street.	McNamara, Michael, Walter avenue.
Lowell, Percival, Heath street.	McCarthy, Marcus B., Newton street.	McNamara, Michael, Dummer street.
Lucas, Patrick, Washington street.	McCarthy, Patrick, Pearl street.	McNamara, Patrick, Brookline avenue.
Lunney, James, Andem place.	McCarty, David, Brighton street.	McNamara, Patrick, jun., Brookline av.
Lunney, Patrick, Ackers avenue.	McCarty, John, Pearl street.	McNamara, Thomas, Boylston street.
Lunney, William, White place.	McCarty, John, Boylston street.	McNamara, Thomas, Pearl street.
Luscomb, Richard L., Hotel Colonnade.	McCarty, Thomas, Boylston street.	McNamara, Thomas, Walter avenue.
Lynch, James, Morss avenue.	McCausland, Charles B., Aspinwall av.	McNeally, Matthew, Park street.
Lynch, John, Pearl street.	McCaverty, Patrick, South street.	McNeally, Samuel, at T. W. Griggs's.
Lynch, John, Pearl street.	McClure, David, White place.	McQuaid, John, School street.
Lynch, Michael, Morss avenue.	McCormack, Augustus, Washington st.	McShane, John, Washington street.
Lynch, Michael, jun., Morss avenue.	McCormack, James, Juniper street.	Mead, Morris, Linden place.
Lynch, Michael, Tappan street.	McCormack, John, Washington street.	Mead, Patrick, Boylston street.
Lynch, Patrick, Pearl street.	McCormack, John J., Chestnut street.	Mead, William, Morss avenue.
Lynn, Samuel, Juniper street.	McCormack, Patrick, Pearl street.	Mealy, John, Chestnut street.
Lyon, Levi F., Thayer place.	McCue, Thomas, Ackers avenue.	Mealy, John, Sewall place.
Lyon, Thomas, Brookline avenue.	McCue, Patrick, Ackers avenue.	Means, Walter K., Prospect street.

Lyons, Daniel, Sewall place.
Lyons, James P., Morss avenue.
Lyons, John E., Morss avenue.
Lyons, Patrick, Sewall place.

Macarn, Samuel, Juniper street.
Mackey, John, Brookline avenue.
Madden, Daniel, jun., Oak street.
Madden, John, Emerald street.
Maddock, John, Washington street.
Madore, Joseph, Boylston street.
Mahan, Stephen, Harvard street.
Mahan, Thomas, Boylston street.
Mahan, Thomas, Thayer place.
Mahan, William H., Thayer place.
Maher, George, Boylston street.
Mahoney, Daniel, Fay place.
Mahoney, Daniel, Pearl street.
Mahoney, John, jun., Freeman street.
Mahoney, Michael, Walter avenue.
Mahoney, Michael, Pearl street.
Mahoney, Patrick, Washington street.
Maloney, James, Pearl street.
Maloney, James, Cypress street.
Maloney, John, Boylston street.
Maloney, Thomas, Boylston street.
Maloney, William, Pearl street.
Malloy, James L., Walter avenue.
Manahan, Daniel, Pearl street.
Manley, Alden, Juniper street.
Manley, Michael, at J. L. Little's.
Mann, John H., Marion street
Marcy, Nathaniel F., Walter avenue.
Marston, Arthur, Juniper street.
Marston, George F., Linden-place court.
Marvin, Theophilus, Harvard street.
Marvin, William T. R., Harvard street.
Mason, Arthur T , Cottage street.
Mason, Edward, Washington street.
Mason, Theodore T., Colonnade block.
McCullough, Alexander, at Mrs. Cabot's, High street.
McCullough, Charles L., Walnut street.
McCullough, John, at J. W. Pierce's.
McCullough, Samuel, School street.
McDavit, Charles, Linden-place court.
McDavit, Charles, at S. D. Bennett's.
McDavit, Daniel, Linden-place court.
McDavit, John, Linden-place court.
McDavit, Patrick, Linden-place court.
McDermot, Bernard, jun., Boylston st.
McDonald, Bernard, White place.
McDonald, Charles F., Linden place.
McDonald, Hugh, Clyde street.
McEllery, Robert, Juniper street.
McEttuck, John, at J. M. Codman's.
McGarrell, John, at J. L. Gardner's.
McGee, George, Kerrigan place.
McGee, Thomas, Flora street.
McGiffney, James H., Boylston street.
McGinnis, Sebastian, Davis court.
McGlone, James, Harvard street.
McGonagle, Richard, Juniper street.
McGoothry, Patrick, at C. Faulkner's.
McGrail, Michael, Boylston st.
McGrath, James, Walter avenue.
McGrath, James, Pearl street.
McGrath, John, Walter avenue.
McGrath, John, Pearl street.
McGrath, Patrick, Pearl street.
McGregor, James, Boylston street.
McGuire, John, School street.
McHolland, James, Andem place.
McInnerny, Daniel, Chestnut street.
McIntosh, Edward, Fay place.
McIntosh, Frank, White place,
McIntosh, George, Fay place.
McIntosh, Royal, Fay place.
McIntyre, ——, Colonnade block.
McKenzie, Daniel R., Boylston street.
Meany, John, Boylston street.
Meany, Michael, Pearl street.
Meany, William, Pearl street.
Mehan, Dennis, jun., Brighton street.
Megson, John, Heath street.
Melcher, William K., Linden place.
Mellen, Loring R., Boylston street.
Mellur, Charles, Washington street.
Meredith, J. Morris, Hawes street.
Merrill, Parker, Harvard street.
Merritt, Thomas, Pearl street.
Miley, Daniel, Carlton street.
Miller, Frederick, at W. D. Coolidge's.
Miller, George W, at W. D. Coolidge's.
Miller, William, Clyde street.
Milliken, Abel B., Reservoir place.
Mills, Henry D., Thayer place.
Minnehan, John, Sewall place.
Miskill, Michael, Clyde street.
Miskill, Patrick T., Fairmount.
Miskill, Thomas, Clyde street.
Miskill, Timothy, Clyde street.
Miskill, Timothy, jun., Fairmount.
Mitchell, Michael, Boylston street.
Mollan, Thomas, Pearl street.
Montgomery, Henry, Washington st.
Moody, Isaiah, Walnut street.
Moon, Patrick, Washington street.
Moore, Frederick, at T. Corey's.
Moore, Walter B., at T. W. Griggs's.
Moore, William, Kerrigan place.
Moore, William D., Aspinwall avenue.
Mora, Ebenezer, Boylston street.
Moran, Edward, jun., Sewall place.
Morlock, Frederick, Fay place.
Morris, Lawrence J., Harvard street.
Morris, Michael, Sewall place.
Morrison, Daniel, Andem place.
Morrison, William D., Andem place.
Morrissey, John, Walter avenue.

NAMES AND RESIDENCES.

Morrissey, Michael, Fay place.
Morrissey, Patrick, Fay place.
Morrissey, Patrick, Andem place.
Morrissey, Thomas, Fay place.
Morrissey, Thomas, Fairmount.
Morrow, Alexander, Washington street.
Morrow, William, Ridgway street.
Morse, Eugene S., Prospect street.
Morss, Charles W., Prospect street.
Morss, Mason H., Prospect street.
Morton, Thomas, Chestnut street.
Moss, Edward B., Linden place.
Mulcahy, Patrick, Walter avenue.
Mulcahy, Richard, Pearl street.
Muldowney, Charles, Juniper street.
Mullen, John, Boylston street.
Mullen, William, Boylston street.
Mulray, William, Pearl street.
Munroe, Daniel, Harvard street.
Murphy, Cornelius, Walter avenue.
Murphy, Hugh, School street.
Murphy, Hugh, at E. Floyd's.
Murphy, James A., Colonnade block.
Murphy, John, Sewall place.
Murphy, Patrick, Walter avenue.
Murphy, William, Sewall place.
Murray, Daniel C., at C. Faulkner's.
Murray, Henry J., Washington street.
Murray, Michael, Pearl street.
Murray, Patrick, Walter avenue.
Murray, Patrick, Boylston street.
Murray, Robert, Ridgway street.
Murray, Thomas, jun., Pearl street.
Murray, Thomas H., Ridgway street.

NAMES AND RESIDENCES.

O'Day, John T., Boylston street.
O'Donnell, John, Kent street.
O'Donnell, Patrick, South street.
O'Donnell, Thomas, Houlihan avenue.
O'Grady, Patrick, Pearl street.
O'Hare, John, Kerrigan place.
O'Hern, James, Heath street.
O'Hern, John, Boylston street.
O'Hern, Michael, Boylston street, at Schlessinger's.
O'Hern, Michael, Heath street.
O'Hern, Thomas, Pearl street.
O'Hern, Timothy, Heath street.
O'Holleran, Charles, Heath street.
O'Holleran, John, Heath street.
O'Neil, James, Boylston street.
Orcutt, Mears, Walnut street.
Ordway, Frank, Washington street.
Orrock, John M., Winchester street.
Osborne, Joel, Davis court.
Ouilamette, Evariste, at Miss J. Goddard's.

Packard, Eugene, Washington street.
Page, Albert S., Linden-place court.
Paine, Henry K., Harvard street.
Palmer, Asher C., Davis avenue.
Palmer, Edward F., Davis court.
Palmer, Frederick, High street.
Palmer, George F., Washington street.
Parlen, John, Avon street.
Parsons, Theophilus, jun., Cottage st.
Patterson, William, Warren street.
Peirce, William O., Harvard street.

NAMES AND RESIDENCES.

Reed, Ebenezer W., Reservoir place.
Reed, Henry, Winchester street.
Reeve, Walter G., at G. Twitchell's.
Reynolds, Frank, Flora street.
Reynolds, Frank, jun., Flora street.
Reynolds, James, Flora street.
Rianhard, John V. L., Walnut street.
Rice, Henry F., Searle avenue.
Rice, Michael, Brookline avenue.
Richards, William, Boylston street.
Richardson, William K., Still street.
Richardson, William S., Brighton street.
Ricker, Oliver P., Davis avenue.
Riley, James, Brookline avenue.
Riley, Patrick, Kerrigan place.
Ringal, Frederick R., Washington st.
Risch, Dennis, Washington street.
Ritchie, Andrew M., Walnut street.
Ritchie, John, Cypress place.
Ritchie, Thomas P., Francis street.
Roach, John, at Mrs. E. Cabot's.
Robbins, Benjamin T., Davis avenue.
Roberts, William Arthur, Sewall street.
Robinson, Henry H., Marion street.
Robinson, J. Arthur, Delano's block.
Robinson, Wellington, Linden-place ct.
Rockwood, John E., Harvard avenue.
Rogers, Charles, Harrison place.
Rogers, Charles E., Walnut street.
Rogers, Edwin, High street.
Rogers, Ford M., Harvard street.
Rogers, George, Harvard street.
Rollins, George W., at R. C. Winthrop's.
Rooney, James, Brighton street.

Myer, Jacob, at E. C. Emerson's.
Myers, John, Boylston street.

Nash, Samuel J., Marion street.
Neilson, John, Prescott street.
Nelson, George E , at R. C. Winthrop's.
Nelson, John, Hotel Colonnade.
Newcomb, George L., Delano's block.
Newcomb, Leonard, Harvard street.
Newell, Charles L , Walnut street.
Newell, Samuel, Brookline avenue.
Newman, Frank A., Beacon street.
Nichols, Frank, at J. L. Little's.
Nichols, John, Davis court.
Nihan, Dennis, Pearl street.
Nolan, Andrew, Harvard street.
Norris, John, Boylston street.
Norris, J. Grenville, Boylston street.
Norton, Michael, Boylston street.
Noyes, Eliphalet S., jun., Davis court.
Nute, Asa B., Davis court.
Nyhan, Dennis, Boylston street.

O'Beirne, James, Walter avenue.
O'Brien, Larry, at M. Williams's, jun.
O'Brien, Lawrence, Boylston street.
O'Brien, Michael, at T. Bishop's.
O'Brien, Michael, Juniper street.
O'Brien, Michael, Brookline avenue.
O'Brien, Thomas, at B. Schlessinger's.
O'Connell, Joseph J., High street.
O'Connell, William, Washington street.
O'Conner, Bartholomew, Walter av.
O'Conner, Hugh, Fay place.
O'Day, John, Juniper street.
O'Day, Thomas, Juniper street.
O'Day, Thomas, Washington street.
O'Day, Dennis, Brookline avenue.
O'Day, Michael, Brookline avenue.
O'Day, Michael, jun , Brookline avenue.

Perkins, Charles F., Washington street.
Perkins, George E., Hotel Colonnade.
Perkins, John B , Pleasant street.
Perrin, Lewis, Walnut street.
Perry, Charles D., Boylston street.
Pickett, David, Brookline avenue.
Pierce, Dean, Brighton street.
Pierce, Jacob W., Brighton street.
Pierce, Quincy, Brighton street.
Pierce, William P., Brighton street.
Pinnar, James, Sewall place.
Philip, William, at O. B. Stillman's.
Phillips, Edward H., School street.
Phillips, James, Brighton avenue.
Phillips, John F., Harrison place.
Pons, Charles A., Delano's block.
Powell, Robert, at E. S. Doane's.
Power, Patrick, Auburn street.
Power, William H., Washington street.
Powers, James, Emerald street.
Pratt, Isaac L., Monmouth street.
Pray, Pitt L., Davis court.
Pree, William. Linden-place court.
Priestly, John, at A. W. Goddard's.
Prouty, Barton, at Mrs. Williams's, Walnut place.
Prouty, Barton A., Washington street.
Pugslee, John, Harvard place.

Quimby, Benjamin, jun., Heath street.
Quinlan, James, Brookline avenue.
Quinn, James F., Chestnut street.
Quinn, Lawrence, Boylston street.

Rafferty, Michael, Ackers avenue.
Rafftry, John, at R C. Winthrop's.
Ranney, William, Juniper street.
Ranney, William G., Juniper street.
Ray, Alfred F., Davis court.
Reardon, William, Boylston street.

Rooney, John, Washington street.
Rooney, William, White place.
Roskell. George L., Chapel station.
Rotheray, John J. E., Colchester street.
Russell, Edward, Washington street.
Russell, James, Clyde street.
Russell, Michael, Brookline avenue.
Russell, Thomas, Pearl street.
Rutan, Charles H., Fairmount.
Ryan, Daniel, Brookline avenue.
Ryan, Edward, Pearl street.
Ryan, John, Brookline avenue.
Ryan, Martin, Pearl street.
Ryan, Patrick, Pearl street.
Ryan, Patrick, Pearl street.
Ryan, Patrick, Walter avenue.
Ryan, Patrick, Boylston street.
Ryan, Patrick, at I. Sargeant's.
Ryan, Timothy, Heath street.
Ryan, Timothy, Sewall place.

Sabine, George K., at Mrs. West's.
Salisbury, William E. G., Cypress st.
Salmon, Peter, White place.
Sampson, Joshua F., Washington street.
Sanborn, Alfred G., School street.
Sanderson, Albert H., Reservoir place.
Saville, William, Alton street.
Sawyer, Frederick R., Francis street.
Sawyer, Herbert, Clyde street.
Schaeffer, Charles, High street.
Schrietler, Gottlieb, Boylston street.
Schultz, John, Park street.
Scott, James, Sewall place.
Scudder, Winthrop, Linden place.
Seamans, Manning, Searle avenue.
Shapleigh, James S., Walnut street.
Sharky, James, Thayer place.
Sharp, Edward, Washington street.
Shea, James, Clyde street.

NAMES AND RESIDENCES.	NAMES AND RESIDENCES.	NAMES AND RESIDENCES.
Shea, John, White place.	Tappan, Frederick H., Walnut street.	Watson, John M., Brighton street.
Shea, Michael, at Mrs. M. L. Hall's.	Tappan, John G., High streeet.	Watson, Robert J , Fay place.
Shearman, John, White place.	Tarrent, John, Morss avenue.	Weeks, Benjamin, at Peder Olsen's.
Shellady, James, Juniper street.	Taylor, Alfred S., Harvard street.	Webb, Stephen P., Cypress street.
Sherry, Edward F., at W. D. Coolidge's.	Taylor, Frank S., Fairmount.	Webber, Charles F., Reservoir place.
Sherry, Patrick, Heath street.	Taylor, Isaac, Harvard street.	Weinstein, Rupert, White place.
Shields, John, Thayer place.	Taylor, John, Harvard street.	Welch, Bernard, Walter avenue.
Sinclair, James, Prospect street.	Taylor, John F., Boylston street.	Welch, James, Cypress street.
Smith, Arthur, Boylston street.	Thayer, Charles, Thayer place.	Wellington, Avery, Cypress street.
Smith, George, P., at G. Twitchell's.	Thayer, Weston S., Waverly place.	Wellman, Arthur G., Linden place.
Smith, John, Boylston street.	Thayer, William E., Colonnade block.	Wellman, Frank L., Linden place.
Smith, Obed F., Corey Hill.	Thomas, Joseph B., Colchester street.	Wells, J. Walter, Colchester street.
Smith, Stillman J., Brighton street.	Thomas, Patrick, White place.	Wentworth, Royal, Harvard street.
Smyth, Eneas, Boylston street.	Thompson, Frank H., Summit avenue.	Wessellhoft, George P., School street.
Snow, Levi E., Davis avenue.	Thompson, Nelson C., Davis avenue.	Weymouth, Arthur, Warren street.
Spalding, Charles S., Washington street.	Thorndike, Charles, Harvard street.	Whall, Patrick, Pearl street.
Spalding, Merrill P., Washington st.	Thorneycroft, Wm., at J. L. Gardner's.	Wharton, Joseph W., Washington st.
Spellman, Lucius, Monmouth street.	Thorpe, Chauncy, Washington street.	Whipple, Charles R., Pleasant street.
Spencer, Frederick E., Davis avenue.	Thurber, Ira H., Davis court.	White, Joseph L., Brighton street.
Spiers, James, White place.	Thurlow, Otis L., Washington street.	White, Michael, Pleasant street.
Spilleen, John, Boylston street.	Tibbetts, Albert, at T. P. Chandler's.	White, William, Warren street.
Spooner, John, St. Paul street.	Tiernay, Patrick, Park street.	Whiting, John H., Rooney's block.
Sprague, Frank B., at W. D. Coolidge's	Tilley, James B., South street.	Whittemore, Lewis, Washington street.
Starkweather, Archibald, Searle av.	Toben, William, Juniper street.	Whitten, George, Boylston street.
Stearns, Benjamin G., Boylston street.	Todd, Thomas, Kent street.	Wiggett, Frederick, at J. T. Brown's.
Stearns, Francis G., Boylston street.	Tooker, George B. W., High street.	Wiggins, Arthur, H., Andem place.
Stearns, George M., Washington street.	Touissant, Winand, Brighton avenue.	Wigham, Walter, Pleasant street.
Stearns. Joseph G., Pleasant street.	Townsend, Frank A., Walnut street.	Wilkins, Charles E., Harrison place.
Steese, Edward, Cypress street.	Townsend, Thaddeus J., Heath street.	Wiley, Joseph B., Harvard place.
Stephenson, James, at Mrs. R. S. Davis's.	Train, Charles, Walter avenue.	Williams, Arthur, jun., St. Paul street.
Stetson, A. Henry, Walnut street.	Treat, Leonard A., Summit avenue.	Williams, Harry H., Beacon street.
Stevens, Charles E., Brighton street.	Tribou, Arthur B., at W. S. Brown's.	Williams, Peter, Chestnut place.
Stevens, Daniel C., Andem place.	Trowbridge, William W , Harvard st.	Willis, Burton R., School street.
Stevenson, Robert, Beacon street.	Truesdale, John, School street.	Wilson, Alexander, Rooney's block.

Stewart, John, Juniper street.
Still, James, at H. E. Raymond's.
Stone, George F., Colonnade block.
Storrs, Leonard K., Walnut street.
Story, Charles W., Walnut street.
Strain, John, Brighton street.
Sullivan, Daniel, Juniper street.
Sullivan, Daniel, Pearl street.
Sullivan, Dennis, Kerrigan place.
Sullivan, James, Walter avenue.
Sullivan, James, Brookline avenue.
Sullivan, James, Pearl street.
Sullivan, Jeremiah, Morss avenue.
Sullivan, Jeremiah D., Pearl street.
Sullivan, Patrick H., Juniper street.
Sullivan, Peter, Linden place.
Sullivan, Thomas F., Juniper street.
Summers, William, Brookline avenue.
Sutherland, Dr., Brighton street.
Sweeny, John, Brookline avenue.
Sweeny, John, Pearl street.
Sylvester, Joseph, Beacon street.

Taffee, John, at J. S. Warren's estate.
Taft, William L., Fairmount.
Talbot, Thomas H., Webster place.
Trumbull, Charles, Boylston street.
Tucker, George R., Boylston street.
Turner, Howard A., Linden place.
Twigg, John, Freeman street.
Tyler, Henry C., Pleasant street.
Tyler, William R., Pleasant street.

Upham, Henry J., Warren street.
Utley, Charles H., St. Paul street.

Vaughan, George D., Walnut street.
Verney, Osavius, Washington street.
Von Arnim, Ernest A., Mountfort st.
Voyer, Henry, Juniper street.

Waldo, Clarence H., Cypress place.
Waldron, William, Fay place.
Wallace, William, Boylston street.
Ward, James H., at J. M. Codman's.
Ward, Jas. H., jun., at J. M. Codman's.
Ward, Thomas, Pearl street.
Warren, Charles B., Harvard avenue.
Waterman, Thomas, Aspinwall avenue.
Waterman, William E., Aspinwall av.
Waterson, William, Brookline avenue.
Watson, Ephraim A., Brighton street.
Wilson, Charles, Washington street.
Wilson, James M., Rooney's block.
Wilson, John, at Mrs. John Taylor's.
Wilson, William E., Colonnade block.
Winslow, Andrew J., Harvard street.
Winsor, Ernest, Walnut street.
Winsor, Walter T., Walnut street.
Winter, James, Brookline avenue.
Withington, James C., Walnut street.
Wood, Amos L., Linden place.
Wood, Frank L., Linden place.
Wood, William H. H., Harvard street.
Woodbury, Alfred F., Washington st.
Woodbury, William B., Washington st.
Woods, Albert H., Boylston street.
Woods, Alexander, Pearl street.
Woods, John S., Prospect street.
Woods, Michael, Juniper street.
Woodward, Arthur S., Walnut street.
Wright, Edward, Clyde street.
Wright, George F., Beacon street.
Wright, William L., Beacon street.

Young, Edward, Prospect street.
Young, John W., Heath street.

LIST OF RESIDENTS ASSESSED MORE THAN POLL TAX FOR 1879.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Abbott, Catherine A., Vernon street,			House, 3,200; land, 6,609 ft., 1,400	$4,600	$57 96
Abbott, John C., Harvard street	$2	$7,500	House, 6,000; stable, 500; billiard-hall, 500; land, 48,000 ft., 12,000	19,000	335 90
Abercrombie, Wm. H., Linden place,	2	3,800	Dwelling-house, 5,000; stable, 500; land, 17,700 ft., 6,000,	11,500	194 78
Adams, Benjamin F., Marion street..	2	10,000	House, 6,000; stable, 200; land, 23,518 ft., 7,500	13,700	300 62
Adams, David, Washington street ..	2	100			3 26
Adams, George, heirs of, Pleasant st.			House, 2,000; stable, 300; land, 30,000 ft., 5,000	7,300	91 98
Allen, Edward F., Prospect street...	2	300			5 78
Allen, Philip S., Green street	2	1,000	House, 4,000; stable, 600; land, 15,438 ft., 2,200; house-lot, 63 Walter avenue, 4,221 ft., 800; part lots 10 and 11, Babcock street, 13,289 ft., 1,700.	9,300	131 78
Allen, Rufus S., Dudley street	2		House, 2,000; stable, 100; land, 44,337 ft., 1,700	3,800	49 88
Allen, Samuel S., Monmouth street,	2	2,000	House, 4,500; land, 19,500 ft., 6,300	10,800	163 28
Ames, Seth, Colchester street.....	2	18,000	House, 8,000; land, 21,780 ft., 8,000	16,000	430 40
Amory, Arthur, Prescott street.....	2	3,000			39 80
Amory, Augustine H., Warren street,	2	7,500			96 50
Amory, Charles W., Powell street...	2	28,000			354 80
Amory, Frederick, Warren street....	2	12,000			153 20
Amory, Harcourt, Warren street	2	7,500			96 50
Amory, James S., Warren street	2	50,000	House, 5,500; stable, 1,200; greenhouse, 1,500; land, 19 a., 17,000	25,200	949 52
Amory, James S., guardian of M. A. Greene		50,000			630 00
Amory, James S., guardian of Margaret Greene		50,000			630 00
Amory, James S. and Charles, trustees of C. McCurdy		4,500			56 70
Amory, Mrs. James S., Warren street		100,000			1,260 00
Amory, Robert, Colchester street....	2	10,000	House, 7,000; stable, 500; land, 35,724 ft., 12,000; house, 7,000; land, 35,546 ft., 10,500	37,000	594 20
Andrews, Sidney, Vernon street.....	2	500	House, 3,500; land, 6,778 ft., 1,400	4,900	70 04
Andros, Mrs. R. S. S., Winchester st.			House, 3,200; lot, 13,600 ft., 2,200	5,400	68 04
Armstrong, George, Marion street...	2	2,500			33 50
Armstrong, Mrs. Louisa M., Marion st.			House, 6,000; stable, 1,000; land, 34,490 ft., 9,000	16,000	201 60

Aspinwall, Thomas	2	3,000	House-lot, Aspinwall avenue, 14,393 ft., 1,500	1,500	58	70
Aspinwall, William, Washington st.	2	4,000	House, 3,000; stable, 400; house-lot, 489,014 ft., 43,000; mowing and wood land in rear, 869,754 ft., 38,000; mowing, formerly Withington, 422,174 ft., 21,000; orchard, formerly Aug. Aspinwall, 335,825 ft., 17,000; mowing, south side Washington st., formerly T. Aspinwall, 319,679 ft., 17,000; land on Aspinwall avenue, between Harvard street and private way to Linden place, 154,628 ft., 34,000; do. between private way and Stedman, 34,264 ft., 5,300; do. between Aspinwall avenue and main sewer from Stedman to railroad, 165,822 ft., 18,000; lot, west side Toxteth street, 41,250 ft., 7,000; do., east side Toxteth street and north side Aspinwall avenue, 173,804 ft., 20,700; marsh, west of railroad, 213,005 ft., 3,000; do., east side railroad, 255,430 ft., 3,600; upland, east of railroad, 61,022 ft., 4,000; marsh, Pearl street, 15,000 ft., 2,300; house by Stedman, 4,500; stable, 300; land, 36,079 ft., 7,200; house by Lansing, 3,000; stable, 500; lot, 2½ a., 15,600	268,400	3,434	42
Aspinwall, William, trustee for his children		6,000			75	60
Aspinwall, Mrs. William, by Charles D. Head, trustee		6,000			75	60
Aspinwall, William H.		3,000	House-lot, Aspinwall avenue, 14,486 ft., 1,500	1,500	56	70
Aspinwall, Bowditch, & Barrett, trustees		31,200	House-lots 1, 2, north side Aspinwall avenue, 22,289 ft., 6,000; house-lot 16, Toxteth street, 19,106 ft., 3,000; lots 18, 19, 20, Francis street, 68,513 ft., 7,000; lots 22, 23, 24, 25, and part 26, Kent street, 125,445 ft., 17,500; marsh, east by Davis's heirs, 65,930 ft., 2,500; marsh intersected by railroad, 28,860 ft., 800; house-lot, Francis street, west by Moore, 18,025 ft., 4,500	41,300	913	50
Atkinson, Edward, Heath street	2	13,000	House, 7,500; stable, 1,200; land, 1½ a., 3,700; root-house, 300; house, Walnut st., 800; lot, 2,200 ft., 400,	13,900	340	94
Atkinson, George, Walnut street	2	7,000			90	20
Austin, Charles D., Harvard street	2	1,500			18	90
Bachelder, Charles W., Prospect st.	2		House, 2,500; stable, 300; lot, ½ a., 2,700	5,500	71	30
Bachelder, Josiah G., Kent street	2	5,000	House, 6,000; stable, 800; lot, 31,287 ft., 9,500	16,300	270	38
Bacon, Francis H., Washington st.	2	2,000			27	20

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Bacon, Thomas H., Park street	$2	$3,300	House, 5,000; lot, 51,178 ft., 6,500	$11,500	$188 48
Baker, Benjamin F., Cypress street	2		House, 2,800; lot, 10,000 ft., 3,000; shop, Washington street, 200; stable, Pearl street, 800; lot, 8075 ft., 3,600; house-lot, Vernon street, 12,000 ft., 3,000	13,400	170 80
Baker, James, Newton street	2	500			8 30
Bancroft, Charles P., Cypress street,	2	500	House, 5,000; stable, 600; lot, 30,858 ft., 6,500	12,100	160 76
Barry, Michael, Boylston street	2		House, 300; lot, ½ a., 300	600	9 56
Barry, William, Brighton street	2		House, 200; land, ¼ a., 500	700	10 82
Barnard, J. Frederick, Washington street	2	200			4 52
Barnard, William, estate of, Washington street			House, 1,600; 2 barns, 100; shop, 100; land, ⅛ a., 3,000	4,800	60 48
Barnet, Mrs. Robert, Heath street			House, 4,500; stable, 500; land, 2 a., 5,000	10,000	126 00
Barrett, James, Sewall place	2		House, 300; lot, 1,000 ft., 100	400	7 04
Barrett, Patrick, Brookline avenue	2		House, 200; lot, 2,300 ft., 500	700	10 82
Beals, James H., Park street	2	2,700	House, 7,000; stable, 1,000; lot, 66,375 ft., 15,000; mowing-lot, Harvard street, 13 a., 34,000	57,000	754 22
Beals & Jones, Davis avenue			House, 1,500; lot, 2,818 ft., 600	2,100	26 46
Bean, John D., Davis avenue	2		House, 4,000; lot, 4,658 ft., 1,300	5,300	68 78
Beatty, James, Brookline avenue	2		House by self, 600; do. by Curry, 400; do. by Haggerty, 500; lot, 4,000 ft., 800	2,300	28 98
Beck, Frederick, Davis avenue	2	1,500	House, 5,000; stable, 400; lot, ¾ a., 9,000	14,400	202 34
Beecher, Luther S., Davis avenue	2	2,000			27 20
Beecher, Mrs. Mary E., Davis avenue,			House, 1,800; lot, 3,150 ft., 700	2,500	31 50
Belcher, Charles F., School street	2	300			5 78
Bellamy, Mrs. William, High street		21,200			267 12
Bellamy, Mrs. William, guardian for Elizabeth Bellamy		3,100			39 06
Bellamy, Mrs. William, guardian for J. Bellamy		2,500			31 50
Bennett, Mrs. Elizabeth L., Park st.		70,000	House, 4,500; stable, 500; land, 20,100 ft., 4,000	9,000	995 40
Bennett, Stephen D., Washington st.	2	24,000	House, 6,500; stable, 1,500; land, 108,000 ft., 19,000; lot on Cypress place, 33,713 ft., 5,100	32,100	708 86
Bently, David, Goodwin place	2		House, 3,000; lot, 7,500 ft., 3,000	6,000	77 60

Benton, Austin W., Marion street	2	25,000	House, 6,200; stable, 1,000; lot, 39,135 ft., 10,500	17,700	540 02
Berry, James, Kent street	2		House, 6,500; stable, 800; land, 24,587 ft., 8,000	15,300	194 78
Binney, Amos R.	2	500	House, 1,200; stable, 200; lot, 6,750 ft., 1,400	2,800	43 58
Bird, Albert H., Webster street	2	2,500	House, 2,700; lot, 9,998 ft., 2,300	5,000	96 50
Bird, George W., Washington street,	2	3,000	House and store by self, 4,500; do. by Murphy, 1,500; store and house lot, 2,304 ft., 2,700; 2 dwelling-houses, Davis court, 2,800; block, 5 houses, in rear, 4,200; land, 9,400 ft., 4,000	19,700	288 02
Bird, Harrison, Harvard street	2	45,000		29,500	940 70
Bird, John A., estate of, Walnut street		44,800	House, 7,000; stable, 1,000; land, 126,000 ft., 15,000	23,000	854 28
Bird, Wm., 2d, estate of, Walnut st.			House, 5,500; stable, 600; cottage, 500; land, 4½ a., 16,000,	22,600	284 76
Bishop, Robert, Linden place	2	2,500	House, 4,500; stable, 800; shed, 100; lot, 18,000 ft., 3,600,	9,000	146 90
Blake, Anna S. C., by trustee		70,000			882 00
Blake, Arthur W.	2	50,000			632 00
Blake, George B., heirs of, Washington street			House, 9,000; stable, 1,500; greenhouse, 1,000; land, 25¾ a., 112,000	123,500	1,556 10
Blaney, James M., Dudley street	2	55,000	House, 7,500; land, 12,592 ft., 4,000	11,500	839 90
Bogman, George E., Harvard street,	2		House, 2,700; land, 8,263 ft., 3,700	6,400	82 64
Bolles, M. Shepard, Kent street	2	2,000			27 20
Boody, James H., Gorham avenue	2	300	House, 2,000; stable, 400; land, 6,985 ft., 1,300	3,700	52 40
Bond, Anthony H., Flora street, non-resident				6,500	81 90
Bond, Frederick M., Marion street		400			7 04
Bouve, George H., Perry street	2	500			8 30
Bowditch, Mrs. Elizabeth B., Walnut street		15,000	House, 15,000; stable, 3,500; greenhouse, 1,000; land, 6⅔ a., 23,000; house, Fairmount, 1,000; lot, ¼ a., 1,000	44,500	749 70
Bowditch, Mrs. Elizabeth B., by J. I. Bowditch *et al.*, trustees		800,000			10,080 00
Bowditch, Sarah R.	2	11,500			146 90
Bowditch, Susan H.	2	1,000			14 60
Bowditch, William I., Tappan street,	2	9,400	House, 10,000; stable, 1,000; cottage, 600; land, 13½ a., 23,000; house by Perrin, 5,000; lot, 10,640 ft., 1,500; land, Kent street, 38,182 ft., 6,500; half Sanford lot, Webster street, 19,800 ft., 4,000	51,600	745 40
Bowditch, William I., *et al.*, trustees for Thorndike heirs		4,000	Brick house, Walnut street, 5,400; wooden do., Boylston street, 1,500; land, 7,987 ft., 2,100	9,000	163 80

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Bowditch, William I., trustee for H. Channing *et al.*		$2,500			$31 50
Bowditch, William I., trustee for Nancy F. Barstow		42,700			538 02
Bowker & Lyon, Thayer place			Double house, 1,000; house by Mrs. Brown, 800; land, 5,138 ft., 1,400	$3,200	40 32
Bowles, M. L., St. Paul street	$2	500			8 30
Bowen, Patrick W., Boylston street,	2	300	House, 1,200; land, 1,568 ft., 500; shop, 400; shop-lot, 2,818 ft., 900; house, White Place, by Hays, 600; lot, 3,096 ft., 800; double brick house, Juniper street, 3,200; lot, 7,200 ft., 1,400; house, Babcock street, 3,000; land, 19,053 ft., 2,800	14,800	192 26
Boynton, George F., Davis court		1,500			18 90
Brackett, J. Lewis, Pleasant street	2	1,000	House 3,500; land, 13,420 ft., 3,000	6,500	96 50
Briggs, Henry P., High street	2	1,000			14 60
Bronson, John T., Harvard street	2	1,000			14 60
Brookline Gas-Light Company		160,000	Gas-works and office, 20,000; working lot, 60,475 ft., 36,000; lot, south side Pearl street, 3,000 ft., 1,000; coal-shed, 2,000; marsh, 23,221 ft., 6,000; gas-holder, Washington street, near Beacon, 30,000; dwelling-house, 1,200; land, 37,494 ft., 5,000	101,200	3,291 12
Brookline Savings Bank, Brighton st.			House-lot, 11,871 ft., 400	400	5 04
Brooks, George, Harvard street	2	3,000	House, 5,500; stable, 800; land, 33,555 ft., 9,000	15,300	232 58
Brooks, George, executor, Washington street			Woodland, Heath street, 9 a., 800	800	10 08
Brown Brothers, Washington street		1,500			18 90
Brown, George F., Winchester street,	2	500	House, 4,500; stable, 500; land, 20,000 ft., 3,200	8,200	111 62
Brown, Rev. Howard N., Walnut st.	2	1,000			14 60
Brown, Mrs. Jane, Walnut street			House, 1,000; land, ¼ a., 3,800	4,800	60 48
Brown, John, Washington street	2		House and shed, Villa lane, 400; lot, 2,054 ft., 800	1,200	17 12
Brown, Joseph T., Clyde street	2	7,800	House, 9,000; stable, 1,500; land, 22 a., 7,000	17,500	320 78
Brown, Thomas C., Beacon street	2		House, 14,500; lot, 1½ a., 13,000	18,300	232 58
Brown, Thomas S., Harvard street	2		House, 2,500; stable, 1,500; land, 11,956 ft., 7,500	11,500	146 90
Brown, William S., Washington st.	2	1,000			14 60

Buckingham, Edwin B., Essex street,	2	12,000			153 20
Burdett, Horatio S.	2	6,000	House, 9,000; stable, 1,000; land, 29,543 ft., 6,500	16,500	285 50
Burdett, H. S., trustee			House, 2,800; land, 13,950 ft., 3,000	5,800	73 08
Burgett, Henry W., Walnut street	2	500			8 30
Burke Martin, Ackers avenue			House, 400; land, 39,229 ft., 1,800	2,200	29 72
Burke, Thomas, Pearl street	2		House, 800; lot, 1,404 ft., 400	1,200	17 12
Burt, Solomon, Washington street	2	1,600			22 16
Burt, Mrs. Solomon, Washington st.			House by self, 1,500; house on Washington street, 2,300; land, 4,461 ft., 4,100; house, White place, 700; lot, $\frac{1}{16}$ a., 800; stable, Linden-place ct., 100; lot, 106 ft., 300,	9,800	123 48
Burton, Hazen J., jun., Prospect st.	2		House, 2,700; stable, 500; land, 14,000 ft., 1,600	4,800	62 48
Bush, Mrs. Emma B., Beacon street,			House, 7,000; land, 39,000 ft., 16,000	23,000	289 80
Bush, Samuel L., Beacon street	2	3,500			46 10
Butler, William H., Boylston street,	2	1,000			14 60
Butt, Zenas F., Harvard street	2	1,000	House, 4,500; stable, 500; land, 17,500 ft., 5,000	10,000	140 60
Buzzell, John C., Harvard street	2	12,000			17 12
Byrnes, Patrick, Brighton street	2		House, 1,000; land, 27,000 ft., 1,100	2,100	28 46
Cabot, Edward C., High street	2	10,000	House, 4,500; stable, 200; land, 4½ a., 10,000	14,700	313 22
Cabot, Mrs. Eliza, Warren street		90,000	House, 16,000; stable, 3,000; barn, 500; greenhouse, 1,500; do., 1,000; vegetable-house, 1,000; barn, 300; farmhouse, 600; do., Clyde street, 800; land, 31 a., 38,000	62,700	1,924 02
Cabot, Francis, Heath street	2	10,000	House, 5,500; stable, 1,000; land, 4 a., 8,000	14,500	310 70
Cabot, F. I., and W. I. Bowditch, trustees			House, High street, 2,500; land, 10,500 ft., 2,500	5,000	63 00
Cabot, J. Elliot, Clyde street	2	15,600	House, 6,000; stable, 800; land, 4 a., 6,000	12,800	352 28
Cabot, John H., Edge-hill road	2	14,000			178 40
Cabot, Mrs. Marianne, Edge-hill road,		40,000	House, 5,000; lot, 19,858 ft., 4,500	9,500	623 70
Cabot, Mary E., Edge-hill road		7,000			88 20
Cabot, Walter C., Heath street	2	45,000	House, 20,000; land, 24 a., 30,000; farmhouse and stable, 2,500; barn, 1,200; gymnasium, 500	54,200	1,251 92
Caffly, Thomas, Brighton street			House, 200; lot, 2,552 ft., 200	400	7 04
Candage, R. G. F., Harrison place	2	3 000	House, 4,500; stable, 500; land, 21,220 ft., 8,000	13,000	203 60
Candler, John W., High street	2	20,000	House, 8,500; stable, 700; land, 77,337 ft., 23,000; house-lots 6, 7, Brookline Land Company, 19,069 ft., 4,000	36,200	710 12
Candler, J. W., and C. O. Foster			House, Chestnut street, 3,500; stable, 400; cottage, 500; land, 307,273 ft., 17,000	21,400	269 64
Candler, Mrs. Susan		6,000			75 60
Cantwell, John, Morss avenue	2		Block, tenement-houses, 2,000; land, 3,600 ft., 1,000	3,000	39 80

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX
Cantwell, Nicholas, Boylston street,	$2		House, 1,200; lot, 2,901 ft., 900	$2,100	$28 46
Carmody, Mary, Brookline avenue..			House, 500; lot, 3,661 ft., 700.....	1,200	15 12
Carpenter, Geo. M., Harrison place..	2	$500			8 30
Carroll, Martin, Hammond street ...	2		House, 500; land, 28,000 ft., 600.....	1,100	13 86
Carroll, Walter, Cypress street.....	2		House, 1,100; lot, 3,350 ft., 600.....	1,700	23 42
Chadbourne, Isabella P., Pleasant st.		10,000	House 5,500; stable, 300; land, 50,000 ft., 7,500.....	13,800	299 88
Chamberlain, Thomas, estate of, Beacon street			House, 2,000; stable, 300; land, 5 a., 8,000.....	10,300	129 78
Chandler, Theophilus P., Washington street.....	2		House, 6,500; stable, 1,500; land, 96,816 ft., 22,000	30,000	380 00
Chapin, Edward D., Brighton avenue,	2	1,000	House, 7,000; stable, 700; land, 3½ a., 20,000.....	27,700	363 62
Chapin, N. G., Walley avenue	2	2,000			27 20
Chaplin, Chas. C., Washington street,	2	2,000			27 20
Chaplin, William B., Beacon street..	2	1,000	House, 1,500, stable, 1,200; land, 18,750 ft., 6,000	8,700	124 22
Chase, Charles, Washington street ..	2	2,000	House, 3,700; stable, 1,500; lot to house, 4,209 ft., 2,800; lot to stable, 5,045 ft., 3,300	11,300	169 58
Chase, Charles G., St. Paul street....	2	9,000	House, 8,500; stable, 1,000; land, 29,000 ft., 8,000; lot, St. Paul street, 17,000 ft., 3,500.....	21,000	380 00
Chase, H. Lincoln, Auburn street ...	2	6,000	House, 5,000; stable, 800; land, 39,864 ft., 8,800	14,600	261 56
Chase, H. S., Alton street	2	12,000	House, 6,500; stable, 1,200; land, 73,134 ft., 16,000.....	23,700	451 82
Chase, Mary Greenough, Aspinwall avenue	2	1,000	House, 6,000; stable, 400; land, 31,500 ft., 7,600	14,000	176 40
Chase, Reuben A., Holden street....	2		House, 2,500; stable, 200; land, 4,720 ft., 2,000; house and brick store, Washington street, 4,000; lot, 1,800 ft., 2,100; brick store and house, do., 6,500; lot, 2,226 ft., 2,500	19,800	251 48
Chase, W. L., Aspinwall avenue	2	1,000			14 60
Cheney, Alfred A., Harvard street..	2	2,000			27 20
Chester, Walstein R., trustee, Walnut street.....			House by Chester, 3,000; stable, 400; lot, 33,601 ft., 6,000; house by Newell, 2,500; lot, 11,500 ft., 2,000 ...	13,900	175 14
Church, Ephraim M., estate of, Harvard street			House, 1,600; land, 6,848 ft., 2,800	4,400	55 44
Clapp, J. Wilkinson, St. Paul street,	2	1,000	House, 4,000; land, 9,595 ft., 2,600	6,600	97 76

Clark, Amasa, Harvard street	2	2,000			27 20
Clark, Edwin, Searle avenue			House, 3,000; land, 3,602 ft., 900	3,900	49 14
Clark, Henry N., Kent street	2	500	House, 5,000; stable, 500; lot, 17,535 ft., 4,000	9,500	128 00
Clark, J. Mitchell, Ivy street	2	1,000			14 60
Clark, Samuel, Walnut street	2		House, 6,000; stable, 400; land, 23,500 ft., 3,500; new house, 5,000; land on Warren, Boylston, and Cypress streets, 105,106 ft., 12,500; land, Gorham avenue, 26,805 ft., 4,500	31,900	403 94
Clark, Samuel, and Marshall Russell,			House-lots, corner Gorham avenue and Cypress street, 25,720 ft.	6,000	75 60
Clark, Samuel and Myra M., Walnut street			House by Cutler, 1,500; lot, ⅛ a., 6,000; house-lot, Walnut street, rear Perrin, 10,000 ft., 1,000	8,500	107 60
Clark, Sarah D., Warren Street		6,150			77 49
Clark, Sarah D. and Susannah B. R., Warren street			House, 2,000; stable 300; house-lot, 2 a., 3,600; land, Heath street, 14 a., 1,200	7,100	89 46
Clark, Susannah B. R., Warren st		6,150			77 49
Clements, Thomas W., Colonnade block	2	1,000			14 60
Cobb, Albert A., Walnut street	2	18,000	House, 7,500; stable, 1,000; land, 200,000 ft., 24,000	32,500	638 30
Cobb, Roscoe A., Gorham avenue	2	2,000	House, 2,800; stable, 400; land, 11,917 ft., 2,100	5,300	93 98
Cochran, Joseph, Houlihan avenue	2		House, 600; land, 4,176 ft., 300	900	13 34
Codman, James M., Warren street	2	25,000			317 00
Collins, Henry, Washington street	2		House-lots, Walter avenue, 33,395 ft., 4,000	4,000	52 40
Collins, Mrs. Lucy A., Washington street			House, 4,000; lot, 4,567 ft., 3,200	7,200	90 72
Collins, James, Walter avenue	2		House, 1,800; land, 4,344 ft., 800	2,600	34 76
Collins & Head, Harvard street		1,000			12 60
Conant, Joshua, Washington street	2	15,000	House, 3,000; stable, 300; land, 10,535 ft., 8,500; lot in rear, 13,947 ft., 3,800	15,600	387 56
Conant, Nathaniel, Washington st	2	500	House by Cushing, 5,000; do. by Paine, 5,000; lot, 2,500 ft., 2,300; do., 2,800 ft., 2,600; vacant lot adjoining, 297 ft., 200; store by Miss Swift, 3,500; land, 2,603 ft., 3,000	21,600	280 46
Conner, John, Walter avenue	2		House, 400; lot, 3,600 ft., 700	1,100	15 86
Conry, Margaret, Brookline avenue			House, 500; lot, ⅛ a., 500	1,000	12 60
Conway, Mrs. Andrew, Pearl street			House, 800; do., 800; lot, ⅛ a., 1,100	2,700	34 02
Conway, John, Brookline avenue	2		House, 700; lot, 1,700 ft., 600	1,300	18 35
Coolidge, David, estate of, Harvard st.		11,000	House, 1,500; stable, 200; house-lot, 181,586 ft., 8,000	9,700	260 82

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Coolidge, David S., Harvard street..	$2	$15,000	House, 2,800; barn, 400; land, 11⅝ a., 20,000.....	$27,600	$538 76
Coolidge, David S., *et al.*, Harvard st.			Store and house by W. D. C., 6,000; stable, 400; land, 18,848 ft., 8,000	14,400	181 44
Coolidge, Francis H., *et al.*, Harvard street.....			Barn, Harvard street, 200; land, 7 a., 13,500	13,700	172 62
Coolidge, Henry S., Harvard street..	2	500			8 30
Coolidge, William D., Beacon street,	2	4,500	House, 6,000; do. by Wright, 3,500; stable, 300; land, 37,830 ft., 11,000.....	20,800	320 78
Cooly, William H., Marion street ...	2		House by self, 5,500; lot, 30,074 ft., 5,500; double house, 7,000.....	18,000	228 80
Copeland, Milton J., Sewall avenue,	2	600			956
Corey, Miss Abby J., Prospect street,		1,000			12 60
Corey, Timothy, Washington street..	2	40,000	House by self, 2,200; do. by Miss Corey, 2,500; farm-house, 700; barn, 300; do., 300; land, 41½ a., 68,000...	74,000	1,438 40
Corey, Timothy, trustee, Washington street.....		13,000			163 80
Cotting, Charles U., Hawes street...	2	25,000	House, 8,500; stable, 1,000; land, 83,244 ft., 30,000; house-lot on Beacon street, 30,000 ft., 4,000.....	43,500	865 10
Cotton, Joseph H., estate of, Kent st.		80,000			1,008 00
Cotton, William C., Kent street.....	2	10,000			128 00
Cousens Brothers, Brighton avenue..			House, 4,000; land, 6,153 ft., 1,600.....	5,600	70 56
Cowan, Mary A., Clyde street.....			Half house, 600; land, 158,817 ft., 3,000	3,600	45 36
Cowan, George H., Clyde street.....	2		House-lot, Clyde street, 132,396 ft., 2,800; swamp, do., 2½ a., 200.....	3,000	39 80
Cowley, Susan R., School street.....			House, 1,500; lot, ⅛ a., 1,500.....	3,000	37 80
Craft, E. S. A. & E. H., Grove street		6,300			79 38
Craft, George, Grove street.....	2	1,500	House, 4,000; stable, 600; lot, $64\frac{44}{100}$ a., 13,500; swamp, east by South street, 5 a., 700.....	18,800	
Crane, Isabella V., Harvard avenue.			House, 6,000; stable, 1,000; lot, 22,462 ft., 5,500.....	12,500	157 50
Crane, Joshua, High street.....	2	2,000	House, 4,000; stable, 800; land, 14,488, ft., 4,000.....	8,800	138 08
Crane, Lewis M., Harvard avenue...	2	2,000			27 20
Creesy, Elizabeth P., Longwood av.			House, 6,000; stable, 600; lot, 12,744 ft., 3,500.....	10,100	127 26
Creesy, Leonard F., Longwood av....	2	2,000			27 20
Crocker, Ariel B., Webster place....	2	500			8 30

Crosby, Mrs. Patrick, Brookline av..			House, 1,100; do. in rear, 500; lot, $\frac{1}{16}$ a., 1,900 ft., 700; lot to house in rear, 5,000 ft., 1,200	3,500	44 10
Cullinane, Dennis, Oak street.....	2		House, 400; lot, 17,765 ft., 300	700	10 82
Cullinane, James, estate of, Pearl st.			House, 100; lot, $\frac{1}{16}$ a., 500	600	7 56
Cullinane, Michael, Pearl street.....	2		House, 400; lot, 800 ft., 200	600	956
Cummings, Mary, White place			House, 1,200; lot, 3,325 ft., 800	2,000	25 20
Cummings, Michael, Andem place ..	2	1,500			20 90
Cumstock, Lucy D., Harvard street..			Land, Tappan street, north side, 104,152 ft., 6,500; do., Tappan street, south side, 98,002 ft., 7,200	13,700	172 62
Cunneen, Thomas, Hammond street,	2		House, 400; lot, 14,200 ft., 300	700	10 82
Cunningham, Frederick, Ivy street..	2	3,000			39 80
Currier, Caroline P., Walnut street..			House, 3,000; lot, 5,175 ft., 1,200	4,200	52 92
Currier, Warren G., Washington st..	2	2,000	House and store, 6,000; lot, 1,961 ft., 2,200	8,200	130 52
Curry, Cadwallader, Walnut street..	2	500			830
Curry, Thomas, Pearl street.....	2		House, 300; lot, 400	700	10 82
Curtis, E. J., Marion street.....	2	500			8 30
Curtis, Helen M., St. Paul street			House, 4,500; lot, 22,123 ft., 5,000	9,500	119 70
Curtis, Thos. E., Longwood avenue..	2	45,000	House, 8,000; stable, 800; lot, 21,000 ft., 5,500	14,300	749 18
Cushing, George S., Boylston street,	2		House, 3,500; lot, $\frac{5}{8}$ a., 4,200	7,700	99 02
Cushing, Ira B., Washington street..	2	500			8 30
Cushman, Albert, Aspinwall avenue,	2	500	House, 2,500; lot, 8,761 ft., 2,200	4,700	67 52
Cushman, Edward F., Harrison pl...	2		House, 4,000; lot, 6,000 ft., 2,400	6,400	82 64
Cusick, Andrew J., Boylston street..	2		House, 1,200; lot, 2,979 ft., 900	2,100	28 46
Cusick, Mrs. Ann, Brookline avenue,			House, 200; lot, $\frac{1}{16}$ a., 400	600	7 56
Cusick, Michael, Washington street,	2		House, 600; do. in rear, 200; lot, $\frac{1}{8}$ a., 2,400	3,200	42 32
Cusick, Patrick H., Washington st...	2	200			4 52
Cutler, Harriet H., Chestnut place..		8,000	House, 5,500; stable, 600; lot, 64,000 ft., 4,500	10,600	234 36
Daggett, Willard E., Prospect street,	2	500			8 30
Dana, Denison D., Freeman street...	2	5,000	House, 8,500; stable, 1,000; lot, 18,725 ft., 3,500	13,000	228 80
Dana, Denison D., trustee, Freeman street.....		7,300			91 98
Dana, Mrs. H. F., by trustee, Warren street.....		5,900			74 34
Dane, Edward I., Kent street	2	15,000			191 00
Daniels, David H., Washington st...	2	3,500	House, 5,300; house-lot, 6,132 ft., 3,800; lot opposite, 3,850 ft., 2,500	11,600	192 26
Daniels, William H., Davis avenue..	2	1,000			14 60
Darracott, Franklin, Harvard av....	2	2,000			27 20

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Darracott, Mrs. Julia M., Harvard avenue			House, 4,500; lot, 6,068 ft., 1,800	$6,300	$79 38
Dashuck, Jacob, Washington street..	$2	$300	House, 1,600; lot, 2,147 ft., 1,600	3,200	46 10
Davenport, Mrs. Betsey, Beacon st...		5,000			63 00
Davis, Albert, Goddard avenue.....	2	2,000			27 20
Davis, Benjamin B., Davis avenue ..			House, 4,000; stable, 600; land, 40,465 ft., 15,000	19,600	246 96
Davis, Carrie E., Cypress place.....		11,100			139 86
Davis, Mrs. Isaac S., Waverly place,			House, 3,000; lot, 3,520 ft., 900	3,900	49 14
Davis, Joanna, Brookline avenue ...			House, 200; lot, 1,700 ft., 300	500	6 30
Davis, Lucy S., Cypress place		11,100			139 86
Davis, L. Shannon, Cypress place...	2	11,100			141 86
Davis, Mrs. Maria I., Goddard av....			House, 2,500; stable, 800; land, 159,898 ft., 4,300	7,600	95 76
Davis, Mrs. Mary S., Cypress place..		33,400	House, 6,000; stable, 1,000; lot, 76,600 ft., 13,000	20,000	672 84
Davis, P. Stearns, heirs of, Tappan st.			House by Mrs. E. S. Davis, 4,000; stable, 800; land, 25,172 ft., 2,800; land, north side Tappan street, west by Bowditch, 156,234 ft., 12,500	20,100	253 26
Davis, Robert S., heirs of, Cypress pl.			Double house, Washington street, 3,000; lot, 10,575 ft., 9,500; land, south side Tappan street, west by Bowditch, 160,085 ft., 5,000; do., south side, between Rogers and Cumstock, 71,455, ft., 6,000	23,500	296 10
Davis, Sarah C., Cypress place.....		11,100			139 86
Dawes, George G., Boylston street ..	2	500	House, 4,000; lot, ½ a., 1,700	5,700	80 12
Dea, Morris, Boylston street	2		House, 1,400; lot, 3,225 ft., 1,000	2,400	32 24
Dearborn, William, Walnut street ..	2		House by self, 5,000; stable, 300; lot, 51,716 ft., 9,000; house, Harvard street, by Marvin, 4,500; lot, 11,000 ft., 4,000; house, Harvard street, by Edwards, 2,800; lot, 4,000 ft., 1,600; double house, 3,500; lot, 3,500 ft., 1,400; house, corner Harvard place, 800; lot, 3,550 ft., 1,500; house, School street, 2,000; lot, 3,500 ft., 1,300; double house, Harvard street, in rear, by Newcomb, 2,000; lot, 2,270 ft., 400	40,100	507 26
Delano, Charles E. and Clarence A...			Lot 21, Juniper street, 3,214 ft., 700	700	8 82
Delano, Oliver B., Washington street,	2		House by self, 2,800; shop, 600; lot, 13,478 ft., 8,700; block in rear, 4 tenements, 4,400	16,500	209 90

Denny, Mrs. Emily P., by trustee, Newton street				700	8 82
Denny, Emily P., guardian, Newton st				700	8 82
Denny, Francis P., estate of, Newton street		2,000	House by Mrs. D., 12,000; stable, 1,200; land, 52 a., 15,000; farmhouse, 1,000; barn, 600; house by Morton, 400; land, north side Newton street, mowing, tillage, and swamp, 137 a., 15,000	45,200	594 72
Devine, Margaret, Sewall place			House, 200; lot, 1,760 ft., 200	400	5 04
Dewes, Joseph, Walnut street	2	1,000			14 60
Dexter, George, Egmont street	2	26,000	Lot, Beacon street, 78,272 ft., 19,000	19,000	327 60
Dillon, John, Brookline avenue			House, 700; lot $\frac{1}{8}$ a., 1,200	1,900	23 24
Diman, William H., Boylston street,	2		House, 3,000; lot, 6,000 ft., 1,700	4,700	61 22
Doane, Daniel, Linden place	2	200	House, 3,800; stable, 400; land, 84,445 ft., 11,000	15,200	196 04
Dockray, George J., Davis avenue	2	2,000			27 20
Donahoe, Thomas, Boylston street	2		House, 1,400; lot, 4,200 ft., 1,000	2,400	32 24
Donovan, James, Pearl street	2		House, 200; lot, $\frac{1}{16}$ a., 700	900	13 34
Donovan, Jeremiah, Pearl street	2	100	House, 600; stable, 100; lot, $\frac{1}{16}$ a., 700	1,400	20 90
Donovan, John, Brookline avenue	2		House, 200; lot, $\frac{1}{16}$ a., 400	600	9 56
Dooley, Mary, Washington street			House, 600; lot, $\frac{1}{16}$ a., 600	1,200	15 12
Doran, William, Ackers avenue	2	200	House, 600; stable, 200; lot, 2 a., 2,400	3,200	44 84
Dorr, Nathan, Sewall avenue	2		House, Juniper street, 2,000; lot, 6,889 ft., 1,400	3,400	44 84
Dow, Charles R., Newton street	2	1,000			14 60
Doyle, Matthew, Boylston street	2		House, 900; lot, $\frac{1}{16}$ a., 3,546 ft., 1,000	1,900	25 94
Draper, Charles H., School street	2	700	House by self, 1,300; lot, $\frac{1}{16}$ a., 1,000	2,300	39 80
Draper, Chas. H., trustee, School st.			House, 1,300; lot, $\frac{1}{16}$ a., 1,000	2,300	28 98
Drew, Charles H., Gorham avenue.	2	2,000			27 20
Driscoll, James, Harrison place	2	5,000	House by self, 3,600; lot, 7,500 ft., 3,000; house, Pearl street, by Borland, 1,000; do., do., by J. Sullivan, 900; stable and sheds, 1,000; block, 4 tenements, by Cary *et al.*, 1,800; do., do., by Nihan, 1,800; house and stable lots, $\frac{1}{2}$ a., 7,500; brick store, Washington street, 7,000; house, 400; stable, 200; stable and house lot, 22,855 ft., 9,000; house-lots 43, 44, Goddard avenue, 12,144 ft., 400; unfinished house, Pearl street, 700; block, 4 houses, on Morss avenue, 1,800	40,100	570 26
Driscoll, Jeremiah, Washington st	2	400			7 04
Driscoll, Michael and James, Harrison place			Old house, 500; lot, 6,000 ft., 2,400	2,900	36 54

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Driscoll, Mrs. Timothy, Pearl street.			House, 400; lot, 2,275 ft., 500.....	$900	$11 34
Dubois, Edwin, Walnut street	$2	$1,000			12 60
Duffly, Daniel, Heath street, at Augustus Lowell's.....	2	400	House, Boylston street, 1,200; do., adjoining, 1,800; lot, 6,572 ft., 400; lot 11, 2,191 ft., 200; lot, Houlihan avenue, 13,567 ft., 600	4,200	59 96
Duffly, Daniel, and James O'Hearn, Heath street.....			House-lot 18, Houlihan avenue, 5,000 ft., 300.....	300	3 70
Duffy, Mrs. Mary, Boylston street...			House, 900; lot, $\frac{1}{16}$ a., 600	1,500	18 98
Duffy, Philip, Boylston street	2	3,000	House by self, 1,700; lot, 2,515 ft., 1,000; house by Daley, 1,100; lot, 2,614 ft., 1,000; bl. shop and shop in rear, 2,000; lot, 5,300 ft., 2,500; brick house, 2,000; lot, 2,800 ft., 900; block, Brookline avenue, 1,600; lot, $\frac{1}{8}$ a., 2,200; shop-lot, Boylston street, 2,000 ft., 600....	16,600	248 96
Dunclee, Charles T., Beacon street ..	2	500			8 30
Dunn, Hugh, Sewall place	2		House 300; lot, 1,760 ft., 200.....	500	8 30
Dustin, John, White place	2	1,000	House, 800; lot, $\frac{1}{16}$ a., 700.....	1,500	33 50
Dyer, Thomas H., Gorham avenue ..	2		House, 2,000; stable, 400; lot, 6,985 ft., 1,300	3,700	48 62
Eaton, Mrs. Hannah A., Harvard st.		20,000			252 00
Edgerly, James W., Irving street ...	2	1,000	House by self, 8,500; lot, 10,037 ft., 4,000; house, Harrison place, 1,600; lot, 14,726 ft., 4,400.....	18,500	247 70
Edmond, James, *et al.*, trustees for Mrs. Edmond, Cypress place		20,000			252 00
Edmunds, Edward, Sunmit avenue,			House, 5,000; lot, 6,000 ft., 1,000	6,000	77 70
Edwards, Mrs. J. E., Longwood av...				1,500	18 90
Eldredge, Henry G., Monmouth st...	2	1,000			14 60
Ellis, Charles M., estate of, Goddard avenue		700			8 82
Ellis, Frank J., Washington street..	2	500			8 30
Ellis, Mrs. Helen T., Goddard av....		15,000	House, 5,500; stable, 800; gatehouse, 1,000; land, 32 a., 17,000.....	24,300	495 18
Emerson, Elijah C., Davis avenue...	2	23,000	House by self, 8,000; stable, 1,800; cottage, 1,000; house by Hunting, 1,600; land, 187,546 ft., 35,000; double		

			house, Thayer place, by Hooper, 1,500; lot, 3,899 ft., 1,200; double house, Thayer place, by Danforth, 1,500; lot, 2,800 ft., 900; double house, Davis avenue, by Bruce, 3,000; lot, 75,479 ft., 14,000; double house by Dockray, 12,000; lot, 13,600 ft., 3,600; house-lot, south side Davis avenue, 55,000 ft., 13,000	98,100	1,527 86
Emerson, Mrs. Susan, Fairmount		2,000			25 20
Emerson, William R., Walnut street,	2	3,500			46 10
Erhardt, George, Washington street,	2	1,000	House, 2,500; lot, 1,348 ft., 1,500	4,000	65 00
Eustis, William T., estate of, Still st.			House, 9,000; stable, 500; lot, 36,922 ft., 8,000	17,500	220 50
Eveleth, Julius E., Pleasant street	2	1,000			14 60
Fabyan, George F., Summit avenue,	2	40,000	House by self, 4,500; stable, 1,800; lot, 132,570 ft., 12,000; house, Prospect street, 4,500; lot, 8,355 ft., 1,000; house, Prospect street, 4,500; stable, 400; lot, 7,315 ft., 900; house-lot, Summit avenue below Jones, 15,790 ft., 1,600; do., corner Summit avenue and Prospect street, 39,155 ft., 4,500; do., south side Prospect street, 12,660 ft., 1,200	36,900	970 94
Farley, James P., jun., Colchester st.	2	1,000			14 60
Farrar, Alonzo, Egmont st.	2		House, 9,000; stable, 800; lot, 20,000 ft., 4,500	14,300	182 18
Fay, Mrs. Clara A., Davis avenue			House, 5,000; lot, 14,600 ft., 4,000	9,000	113 40
Fay, Clement K., Linden place	2	500			8 30
Fay, Harrison, Linden place,	2		House, 5,500; stable, 800; land, 53,100 ft., 13,000	19,300	243 18
Fay, Harry F., Monmouth street	2	1,000			14 60
Fay, Patrick, Brookline avenue	2	400			5 04
Ferguson, John, Sewall avenue	2		House, Juniper street, 1,500; lot, 3,690 ft., 700	2,200	29 72
Ferris, Lynde C., estate of		30,000			378 00
Ferris, Mortimer C., Alton street	2	20,000	House, 23,000; stable, 1,200; bowling-alley, 300; lot on Alton street, 115,750 ft., 20,000; lot on Harvard street, 40,000 ft., 14,000; lot in rear, 22,273 ft., 2,200	60,700	1,018 82
Ferris, Mortimer C., trustee Peabody Fund		168,000			2,116 80
Finney, William, Harvard place	2		House, 1,400; lot, 3,850 ft., 800	2,200	29 72
Fisher, Francis, heirs of, Boylston st.			House-lot and mowing, south side Fisher's hill, 15⅝ a., 32,000	32,000	403 20
Fisher, Mrs. Mary J., Boylston street,		10,000			126 00
Fiske, Francis S., Monmouth street,	2	1,000			14 60
Fitzgerald, Desmond, Washington st.	2	4,500	House-lot, corner Park and Vernon streets, 13,941 ft., 3,500	3,500	102 80

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Fitzpatrick, Michael, Reservoir place,	$2		House, 300; lot, 28,866 ft., 300	$600	$9 56
Flannery, Patrick, Houlihan avenue,	2		House, 800; lot, 5,308 ft., 300	1,100	15 86
Flint, Misses C. L. & E. H., Perry st.		$12,500			157 50
Floyd, Edward E., Linden place	2	20,000	House, 7,500; stable, 1,000; lot, 38,787 ft., 19,000	27,500	600 50
Foster, Charles O., Beacon street....	2	20,000	House, 7,000; stable, 800; lot, 5,500 ft., 11,000; lot, Summit avenue and Prospect street, 91,734 ft., 9,000.....	27,800	604 28
Foster, Lemuel, estate of, Walnut st.			House, 1,800; stable, 100; lot, 10,000 ft., 4,500; house and lot, Washington street, ¼ a., 4,200; blacksmith's shop, 300; lot, ¼ a., 4,200.....	15,100	190 26
Foster, William H., Brighton avenue,	2	1,500	House, 8,500; stable, 800; lot, 5 a., 20,000	29,300	390 08
Foxcroft, Mrs., estate of, Harrison pl.		300	House by Phillips, 4,000; stable, 400; lot, 31,105 ft., 8,600,	13,000	167 58
Francis, T. Eustis, Davis avenue	2	5,000	House by self, 4,500; stable, 500; new brick house, 8,000; house-lots, 40,434 ft., 12,000; brick block, Flora street, 3,000; block-lot, 4,254, ft., 800; house-lots, Marion street, 26,300 ft., 6,000; house, Walnut street, 2,700; lot, 6,000 ft., 1,200; house, Walnut street, by Broadhead, 2,000; lot, 31,000 ft., 6,500; house-lot, rear Hall, Walnut street, 8,000 ft., 1,500	48,700	678 62
Francis, T. E., and A. Shurtleff, trustees, Davis avenue		9,000			113 40
Frawley, John, Brookline avenue...	2		House, 700; lot, 4,090 ft., 800.....	1,500	20 90
Frost, Morrill, Vernon street	2	5,000	House, 7,000; stable, 500; lot, 25,560 ft., 8,500; lot, Babcock street, 22,050 ft., 2,500.....	18,500	298 10
Gallagher, Dominick, Sewall place..	2		House, 1,000; lot, 3,360 ft., 400.....	1,400	19 64
Gallagher, Terence, Pearl street.....	2		House by self, 800; do. by Woods, 800; land, ½ a., 1,800; lot, Juniper street, 3,600 ft., 700.....	4,100	53 66
Gardner, Charles P., Clyde street...	2	15,000			191 00
Gardner, Harrison, Colchester street	2	5,000	House, 5,000; stable, 1,000; lot, 14,500 ft., 5,300.....	11,300	207 38
Gardner, John L., Warren street....	2	350,000	House, 7,500; farmhouse, 1,500; stable, 1,000; do., 500; greenhouse, 1,000; do., 300; land, 24½ a., 37,000; house, Dudley street, 4,500; stable, 300; house-lot, 1 a., 2,500; house-lots Nos. 24–30, 33, 34 inclusive, Fairmount, 3 a., 130,098 ft., 4,500	60,600	5,175 56

Gardner, William H., Clyde street	2	140,000	House, 8,500; stable, 2,500; shed, 200; farmhouse, 1,200; barn, 500; toolhouse, 500; land, 52 a., 35,000	48,400	2,375 84
Geary, Catherine, Boylston street			House, 1,000; lot, 3,093 ft., 900	1,900	23 94
Geddes, James, Fairmount	2		House, 3,000; stable, 500; house by Kendall, 3,000; stable, 400; lot, 1 a., 2,200	9,100	116 66
Getchell, Morgiana, estate of, Harvard street			Lot, corner Second street, 10,050 ft., 1,700	1,700	21 42
Gibbs, John, Washington street	2	12,500	House, 2,700; stable, 400; lot, 10,739 ft., 6,000; house-lot, corner School street, 3,000 ft., 2,000; double house, School street, 1,600; lot, 7,000 ft., 2,000; house, Washington street, 1,500; house and shop, corner Cypress street, 600; lot, 12,709 ft., 7,000	23,800	459 38
Gibbs, John, trustee, Washington st.			Woodland and gravel-bank, Harvard st., 30 a., 95,000	95,000	1,197 00
Glancy, Peter H., Chestnut street	2		House, 900; lot, 11,050 ft., 1,300	2,200	29 72
Gleason, Mrs. Hannah, Washington street			House, 500; lot, $\frac{1}{16}$ a., 600	1,100	13 86
Glennan, Catherine, Sewall place			Lot, 1,705 ft., 200	200	2 52
Goddard, Abijah W., Goddard av	2	30,000	House, 4,000; stable, 800; toolhouse, 100; old dwelling-house, 1,200; barn, 400; house-lots per Shackel's plan, 26⅜ a., 14,500; house-lot, homestead, 9½ a., 6,500; woodland, 7 a., 4,000; swamp, 9 a., 1,800	33,300	799 58
Goddard, A. W., and S. Little, trustees, Goddard avenue		12,000			151 20
Goddard, Mrs. Catherine, Boylston street		27,000	House, 4,500; stable, 600; farmhouse, 800; 2 barns, 300; land, 25 a., 40,000; woodland, Newton street, 8 a., 800,	47,000	932 40
Goddard, Charles, Chestnut street	2	5,300	House, 3,500; stable, 100; lot, 81,450 ft., 7,500	11,100	208 64
Goddard, Julia, Warren street		77,300			973 98
Goddard, Mrs. Mehitable M., Warren street		58,000	House, 4,000; stable, 600; lot, 2 a., 6,000	10,600	864 36
Godsell, John, Walter avenue	2		House, 1,700; lot, 3,600 ft., 700	2,400	32 24
Goldsmith, George W., Washington street	2	1,300	House and shop, 2,200; lot, 2,400 ft., 2,400; house, Clyde street, 300; lot, 3 a., 2,700; barn, do., 100; swamp, 3¼ a., 800; house, Clyde street, by Hastings, 600; house, Walnut street, 2,000; stable, 500; lot, 25,000 ft., 8,000	19,600	265 34
Gooding, Josiah, Harvard street	2	52,000	House, 6,500; stable, 800; lot, 26,000 ft., 9,000	16,300	862 58
Goodnough, George W., South street,	2	1,000	House, 200; barn, 200; do., 100; land, 58 a., 8,500	9,000	128 00
Goodnough, Zanthus, South street	2	1,000	House, 1,200; stable, 700; barn, 200; land, 26 a., 7,500	9,600	135 56

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Goodnow, Asa, Linden place	$2	$2,500	House, 5,500; stable, 500; lot, 42,000 ft., 10,000	$16,000	$235 10
Goodspeed, Mrs. Martha R., Marion street			House, 6,000; stable, 800; lot, 17,370 ft., 4,500	11,300	142 38
Goodwin, W. A. and J., Goodwin pl.			House, 3,000; stable, 600; lot, 7,500 ft., 3,000; house, Searle avenue, 3,500; lot, 3,305 ft., 900; carpenter's shop, 600; lot, 3,029 ft., 3,000	14,600	183 96
Gove, Arthur B., Avon street	2	11,000	House, 6,000; stable, 900; land, 72,420 ft., 2,500; lot adjoining, 31,541 ft., 800	10,200	269 12
Green, Benjamin H. and George F., Marion street			House, 4,500; lot, 7,278 ft., 2,000	6,500	81 90
Green, George F., Marion street	2	2,000			27 20
Green, Joseph F., Pleasant street	2	3,000	House, 4,500; lot, 30,857 ft., 6,000	10,500	172 10
Greene, William B., estate of, Goddard avenue		30,000			378 00
Greene, Mrs. William B., by trustee, Goddard avenue		50,000			630 00
Greenough, James, Winchester st.	2	1,000			14 60
Gregory, Samuel H., Ivy street	2		House, 6,500; lot, 13,720 ft., 5,400	11,900	151 94
Griffin, Michael, Thayer place	2		House, 800; do. by self, 800; lot, 4,900 ft., 1,500; house, Kerrigan place, 1,800; lot, 3,245 ft., 700	4,600	72 56
Griggs, George, Harvard street.	2		Woodland, Hammond street, 12 a., 1,500; do., between Newton and Heath streets, 9½ a., 900; do., south side of Heath street, 5 a., 400; do., south side of Heath street, for Walley, 3 a., 200; do., north side Heath street, 6⅜ a., 1,000; do., below Heath and Newton streets, 19 a., 1,000; do., Newton street, for W. J. Griggs, 20½ a., 1,500	6,500	83 90
Griggs, George, and J. H. Carey			Woodland, rear Heath street, 4 2/16 a., 500	500	6 30
Griggs, Thomas, Washington street	2	55,000	House by self, 3,000; stable, 400; lot, 4 a., 22,000; house by T. A. Griggs, 3,200; stable, 500; house in rear, 500; land, 13 a., 24,000; house by William J. Griggs, 3,700; stable, 500; land, 13 a., 75,000; omnibus stable, Winchester st., 100; land, Winchester, Beacon, Summit, and Harvard streets, 21 a., 72,000; house by Getchell,		

			3,500; lot, 9,000 ft., 1,600; house, Harvard street, vacant, 4,500; stable, 600; lot, 1,980 ft., 3,000; house-lot, Winchester street, formerly Carnes, 32,000 ft., 4,500; woodland, between Heath and Newton sts., 7 a., 700,	223,300	3,508 58
Griggs, Thomas B., Washington st...	2	28,000			354 80
Griggs, William J. and Thomas B., Harvard street.....			Woodland, between Heath and Newton sts., 7½ a., 800,	800	10 08
Grogan, Richard H., St. Mary's st...	2	300	House, 1,500; lot, 3,600 ft., 1,000	2,500	37 28
Gross, Willard Y., Prospect street...	2		Block tenement-houses, 4,000; lot, 4,002 ft., 1,200	5,200	67 52
Guild, Benjamin, heirs of, Walnut pl.			House, 4,500; stable, 500; land, 130,000 ft., 19,500	24,500	308 70
Guild, Elizabeth Q.....		7,000			88 20
Guild, Harriet J.		7,000			88 20
Guild, J. Anson, Elm place.....	2		Block stores, 10,000; lot, 8,426 ft., 9,500; house by self, 4,000; stable, 400; greenhouse, 100; house-lot, 1½ a., 13,000.....	37,000	468 20
Haley, Edward, Hammond street....	2		House, 400; lot, ⅛ a., 100	500	6 30
Halfenstine, Adam, White place	2		House by self, 1,000; lot, 3,491 ft., 1,000; house, south side Boylston street, 1,200; lot, 8,475 ft., 1,800; block, corner Fay place, 6,000; lot, 1,800 ft., 1,700.....	12,700	162 02
Hall, Martin L., estate of, Park st. ..		97,300	House, 8,500; stable, 1,000; greenhouse, 200; lot, 92,308 ft., 20,000; house-lot, Marion street, 112,301 ft., 8,500; do., corner Vernon and Park streets, 25,690 ft., 5,500,	43,700	1,776 60
Hall, Mrs. Mary E., High street.....		30,000			378 00
Hall, Mrs. Mary E., by trustee, High street		9,600			120 96
Hall, Samuel, High street	2	5,000			65 00
Hall, Thomas B., Ivy street	2	1,500	House, 4,000; land, 3½ a., upland and swamp, 19,000 ...	23,000	310 70
Hall, William F., Harvard street....	2	5,000			65 00
Hall, Mrs. William F., Harvard st...			House, 5,000; stable, 5,000; lot, 69,168 ft., 12,000.....	17,500	220 50
Hallett, Russell, Walnut street.....	2	2,000	House, 2,000; stable, 300; lot, 27,000 ft., 6,000	8,300	131 78
Hamilton, Robert, Harrison place...	2	1,000			14 60
Hand, James B., Andem place	2	800	House by self, 2,000; lot, 4,536 ft., 1,500; house, Boylston street, 1,200; do , 800; do., Walnut street, 1,600; do., 1,900; lot, 5,515 ft., 2,000.....	11,000	150 68
Hanlan, Ann, Brookline avenue			House, 500; lot, 3,225 ft., 600.....	1,100	13 86
Hanlan, James.....	2		House by self, 400; do. by Hickey, 400; do. by Riley, 400; do. in rear, 100; lot, 3,000 ft., 600.....	1,900	25 94
Hardy, Alpheus H., Walnut street..	2	9,700			122 22
Harmon, David I., Newton street ...	2	100			3 26

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Harrington, Mrs. Almira, Beacon st.			House, 5,500; stable, 300; lot, 14,267 ft., 4,500	$10,300	$129 78
Harrington, Andrew J., Beacon st..	$2	$2,500			33 50
Harrington, Charles F., Linden place,	2	1,000			14 60
Harris, Nathaniel, Vernon street....	2	500	House, 2,800; stable, 300; lot, 18,000 ft., 3,800	6,900	95 24
Hartigan, Thomas, Brighton street..	2	1,000			14 60
Haven, Frank, Marion street.....	2		House, 3,000; stable, 400; lot, 45,910 ft., 4,000	7,400	95 24
Hayes, Augustus A., Monmouth st...	2	20,000	House, 7,500; lot, 19,500 ft., 6,300.....	13,800	427 88
Hayes, James, Pearl street.....	2		House, 1,800; do., 600; lot, 5,800 ft., 1,600	4,000	52 40
Hayes, S. Dana, Kent street.....	2	5,000	House, 8,500; lot, 21,780 ft., 8,000.....	16,500	272 90
Haynes, Clark L., Boylston street...	2	9,500	House, 2,500; lot, 38,025 ft., 6,200.....	8,700	231 32
Hazeltine, Wm. B., Chestnut street..	2	2,600	House, 3,700; lot, 32,000 ft., 3,300	7,000	121 70
Head, Charles D., Warren street	2	3,000	House, 5,500; stable, 600; lot, 1¼ a., 3,000.....	9,100	154 46
Head, Miss Lydia C., Walnut street..		12,000			151 20
Healy, James, Boylston street.....	2		House, 1,000; lot, 2,891 ft., 900	1,900	25 94
Heath, Charles, estate of, Heath st.		25,000	House, 5,500; stable, 600; land, 9½ a., 19,000; house by Fisher, 3,500; lot, ¾ a., 2,000; house-lot, Ackers avenue, 7,290 ft., 300; woodland, Newton street, 8 a., 800,	31,700	714 42
Heath, Mrs. Mary H., Washington st.			House, 4,000; lot, 8,919 ft., 5,500.....	9,500	119 70
Heath, Misses Susan and Ann, estate of, Heath street		10,000	House, 2,700; stable, 400; lot, 3½ a., 6,000	9,100	240 66
Henck, John B., at Mrs. West's, Harvard street.....	2	3,500			46 10
Henderson, Charles A., Brighton st.			House, 4,000; stable, 500; lot, 2, a., 4,500.....	9,000	113 40
Henry, John J., Toxteth street.....	2	500	House, 4,000; lot, 11,250 ft., 2,500	6,500	90 20
Hickey, Michael, Washington street,	2		House, 800; lot, 1,300 ft., 400.....	1,200	17 21
Hickey, Morris, Boylston street	2		House, 500; land, 6,860 ft., 400.....	900	13 34
Hickey, Patrick, Pearl street	2		House, 500; lot, $\frac{1}{16}$ a, 700.....	1,200	17 12
Hicks, Mrs. Rosa, White place.....			House, 1,200; lot, 2,372 ft., 700.....	1,900	23 94
Higgins, Martin, Pearl street	2		House, 1,100; lot, 1,413 ft., 400	1,500	20 90
Hillard, George S., estate of, Mountfort street.....		9,000			113 40
Hill, William H., Beacon street	2	40,000	House, 7,500; stable, 1,800; lot, 43,227 ft., 10,000; land, Summit avenue, 62,589 ft., 6,000.....	25,300	824 78
Hill, William H., jun., Marion street,	2	7,000	House, 5,500; stable, 500; lot, 36,717 ft., 10,500	16,500	298 10

Hixon, Edward, jun., Egmont street,	2	4,400			55	44
Hoar, John E., Beacon street	2	2,000	House, 4,500, stable, 500; lot, 22,256 ft., 6,000	11,000	165	80
Hobbs, Mrs. Mary M., Harvard av.			House, 4,500; lot, 6,068 ft., 1,800	6,300	79	38
Hogan, Patrick, White place	2		House, 800; lot, 2,461 ft., 700	1,500	20	90
Holleran, Edward, Pearl street	2		House, 600; do., 700; house-lot, $\frac{1}{16}$ a., 500; do., $\frac{1}{16}$ a., 700	2,500	33	50
Holmes, Elijah S., Harvard street	2	700			10	82
Holtzer, Charles W., Thayer place	2	1,000			14	60
Homer, Mrs. Miranda S., Gorham av.			House, 4,200; lot, 15,000 ft., 2,800	7,000	88	20
Homer, Sidney, estate of, Beacon st.		100,000			1,260	00
Hooper, James R., Essex street	2	600			9	56
Hosford, Eugene, Aspinwall avenue,	2	300			5	78
Hosford, Oscar, Aspinwall avenue	2	700			10	82
Howard, Alonzo P., Mountfort st.	2	1,500			20	90
Howard, Charles T., Cypress street,	2	1,000			14	60
Howard, John A., Kent street	2	4,000	House, 15,000; lot, 54,596 ft., 13,500	28,500	411	50
Howard, Perez B., Monmouth court	2	2,000			27	20
Hovey, William A., Davis avenue	2	1,000			14	60
Howe, Mrs. Edward, Pearl street			House, 800; stable, 200; lot, 5,000 ft., 1,500	2,500	31	50
Howe, Mrs. Hannah W., Warren st.		18,900	House, 4,500; stable, 400; land, 10 a., 16,000	20,900	501	48
Humphrey, Willard A., Newton st.	2	5,000	House, 4,500; barn, 800; do., 300; do., 500; land, 13 a., 6,800; house, Newton street, by English, 1,000; lot, 12 a., 3,000	16,900	277	94
Humphrey, Willard J., Clyde street,	2	500			8	30
Hunnewell, Emeline A., High street, by George C. Nichols, trustee		3,900			49	14
Hunnewell, Mrs. Mary, Park street		3,900			49	14
Hunt, Mrs. Eliza, Davis avenue			House, 3,000; lot, 5,956 ft., 1,700	4,700	59	22
Hurd, Benjamin, Linden place	2		House, 3,500; stable, 500; lot, 79,000 ft., 12,500	16,500	209	90
Hurlbut, Misses M. and F. C., Walnut place			House, 3,000; lot, 10,220 ft., 1,700	4,700	59	22
Hurley, Margaret, Pearl street			House in court, 50; lot, 250	300	3	78
Hyde, William J., Newton street	2	500	House, 1,800; barn, 600; do., 800; land, 59½ a., 19,800	23,000	298	10
Ingalls, E. Herbert, Babcock street	2	500			8	30
Jackson, Charles F., heirs of, Heath street		2,500	House, 500; barn, 100; lot, 6 a., 4,200	4,800	91	98
Jackson, Henry W., Perry street	2	1,000			14	60
James, Charles H., Waverly place	2	500			8	30

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
James, Mrs. Elizabeth B., Waverly place			House, 6,500; lot, 2,806 ft., 1,200	$7,700	$97 02
James, Horace, Waverly place	$2		Brick stable, 1,500; lot, 4,318 ft., 1,000	2,500	33 52
James, Martha A., Waverly place			House, 4,500; lot, 2,806 ft., 700	5,200	65 50
Jewett, Francis A., Dudley street, Fairmount	2	$1,000	House, 2,800; lot, 20,000 ft., 1,600	4,400	70 04
Johnson, Felix, Pearl street	2		House, 500; stable, 400; house in rear, 100; lot, $\frac{1}{16}$ a., 700; house by Merritt, 800; lot, $\frac{1}{16}$ a., 700	3,200	42 32
Johnson, Melville A., Lyceum Hall	2	1,500			20 90
Johnson, Mrs. Richard, Pearl street,			House, 500; do., 100; lot, $\frac{1}{16}$ a., 700	1,300	16 38
Jones, Mrs. Anna C., Walnut street,			House, 3,700; lot, 6,691 ft., 1,300	5,000	63 00
Jones, Jerome, Summit avenue	2	7,500	House, 14,000; stable, 3,500; lot, 21,780 ft., 2,500	20,000	348 50
Jones, Justin, Harrison place	2	500	House, 4,000; lot, 8,000 ft., 3,300	7,300	100 28
Jones, Moses, Cypress street	2	1,000	Land, $\frac{1}{3}$ estate Moses Jones, $2\frac{1}{4}$ a., 15,500	15,500	209 90
Jones, Moses and Susan C., Cypress street			House, 3,000; stable, 200; house-lot, 1 a., 9,000	12,200	153 72
Jones, Susan C., Cypress street		5,500	$\frac{1}{3}$ estate Moses Jones, $2\frac{1}{4}$ a., 15,500	15,500	264 60
Jordan, Mrs. Joanna, Goddard av.		3,100			39 06
Joyce, George F., Washington street,	2	3,500	House and store, 4,000; lot, 1,950 ft., 2,200; Joyce's Building, 10,000; frame store, 800; lot, 6,618 ft., 9,000,	26,000	373 70
Keaney, Bernard C., Harvard street,	2	500			8 30
Keaney, Mrs. Ellen C., Harvard st.			House, 1,500; stable, 200; lot, 18,000 ft., 7,000	8,700	109 62
Kellaher, Morris, Kerrigan place	2		House, 700; lot, $\frac{1}{16}$ a., 400	1,100	15 86
Kellaher, Richard, Sewall place	2		House, 200; lot, 200	400	7 04
Kelly, Catherine, Kerrigan place			House, 900; lot, $\frac{1}{16}$ a., 400	1,300	16 38
Kelly, John, Fairmount	2		House, 400; lot, $\frac{1}{4}$ a., 500	900	13 34
Kelly, John, Sewall place	2		House, 200; lot, 3,518 ft., 400	600	9 56
Kelly, Lawrence, Sewall place	2		House, 300; lot, 2,660 ft., 300; lot, Houlihan avenue, 4,559 ft., 400	1,000	14 60
Kelly, Patrick, Pearl street	2		House by self, 500; do. by Sweeny, 400; lot, $\frac{1}{16}$ a., 400; lot, 2,384 ft., 700	2,000	27 20
Kelly, Paul, White place	2		House, 800; lot, 2,227 ft., 700	1,500	20 90

Kelly, Thomas, Hammond street....	2		House, 400; lot, 35,000 ft., 600.....	1,000	14	60
Kemp, Adeline M., Cypress street...			House, 3,600; stable, 200; lot, 12,000 ft., 1,800.....	5,600	70	56
Kennard, M. P., Walnut street.....	2	15,000	House, 8,000; stable, 1,200; land, 6¾ a., 18,000.....	27,200	531	72
Kenrick, Alfred, jun., Aspinwall av.	2		House, 2,500; lot, 10,500 ft., 2,500.....	5,000	65	00
Kenrick Brothers, Washington st....		4,000	Store, 2,000; lot, 2,225 ft., 2,600; stable, White place, 600; lot, 3,825 ft., 900.....	6,100	127	26
Kenrick, David T., Waverly place ..	2		House, 3,500; lot, 7,528 ft., 1,900; house, Searle avenue, 3,500; lot, 4,000 ft., 1,000.....	9,900	126	74
Kerrigan, Michael, Houlihan avenue,	2		House, 700; lot, 4,324 ft., 300.....	1,000	14	60
Keyser, Peter, Washington street....	2		House and shop, 1,200; lot, 2,200 ft., 1,800; lot, Walter avenue, 4,083 ft., 800.....	3,800	49	88
Kingman, Abner A., Park street....	2	1,000			14	60
Kingman, Mrs. Abner A., Park st...			Double house, 8,500; land, 14,489 ft., 3,600.....	12,100	152	46
Kirby, Charles K., Beacon street....	2	3,000	House, 9,500; stable, 1,500; greenhouse, 400; lot, 121,024 ft., 38,000.....	49,400	662	24
Knight, Frederick R., Monmouth ct.	2	1,000			14	60
Koch, John, Washington street.....	2	500	House and shop, 2,500; lot, 2,180 ft., 2,200.....	4,700	67	52
Lamb, Charles F., Colonnade block,	2	2,500			33	50
Lamb, Salom T., High street.....	2	7,000			90	20
Lansing, John A., Linden place.....	2	500			8	30
Lawrence, Amos A., Prescott street,	2	200,000	House by self, 20,000; stable, 3,000; lot, 10 a., 110,000; greenhouse, 1,000; barn, 300; house by Amory, 14,000; lots 36 and 37, 55,328 ft., 14,000; stable, 900; house by Hooper, 7,000; lot, 27,483 ft., 10,000; house by Lee, 6,000; lot, 13,720 ft., 4,500; house by Parker, 5,000; lot, 39,253 ft., 10,000; house by Howard, 4,000; lot, 34,125 ft., 9,500; schoolhouse, corner Beacon and Carlton streets, 500; land, 35,595 ft., 9,000; block, 5 houses, Monmouth street, by Foster *et al.*, 30,000; lot for do., 12,500 ft., 6,000; block, 5 houses, Brigham *et al.*, 33,000; land, 12,500 ft., 6,000; block, 5 houses, east side Monmouth court, 30,000; lot, 12,500 ft., 6,000; block, 5 houses, west side Monmouth court, 28,000; lot, 33,932 ft., 10,000; lots, east side Monmouth court, 67,441 ft., 17,500; 3 wooden shops, Chapel street, 500; marsh, 4 a., 7,000; part lot 106, Monmouth street, 16,863 ft., 5,500; lot 100, Beacon street, 21,900 ft., 9,500; lot 39, Ivy street, 15,465 ft., 5,500; lot 73, Carlton street, 18,698 ft., 6,500; cottage across railroad,			

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
			800; double cottage, 1,500; lots, ½ a., 3,000; house by Mrs. Peabody, 2,500; lot, 10,000 ft., 3,800; Old Ladies' Home, 1,500; lot, 6,142 ft., 2,500	$440,300	$8,069 78
Lawrence, Mrs. Amos A., Prescott st.		$55,000	House, Monmouth street, 7,000; lot, 19,500 ft., 7,000	14,000	869 40
Lawrence, Frank W., Ivy street	$2	15,000			191 00
Lawrence, Justin, Harvard street	2		House by Long, 5,000; stable, 500; lot, 36,000 ft., 9,500; house, Marion street, 4,000; lot, 18,155 ft., 3,200; house, Marion street, 4,000; stable, 400; lot, 17,305 ft., 3,200	29,800	377 48
Lawrence, Susan M., Prescott street,			House, Mountfort street, 8,000; lot, 21,171 ft., 6,500	14,500	182 70
Lawrence, William R., Ivy street	2	250,000	House by self, 21,000; lot, 103,339 ft., 32,000; stable, Carlton street, 4,000; land, 121,231 ft., 10,000; house, St. Mary's street, 3,500; stable, 200; house by Cate, 800; lot, 22,100 ft., 3,600; wooden house, Carlton street, 1,500; lot, ¾ a., 3,600; land, Mountfort street, 103,950 ft., 30,000; land, Brighton street, 124,409 ft., 30,000	142,600	3,688 76
Lee, John H., Hawes street	2	10,000	Stable, Carlton street, 800; lot, 9,715 ft., 4,000	4,800	188 48
Leighton, James A., Davis avenue	2		House, 5,000; lot, 13,105 ft., 3,600	8,600	110 36
Lewis, Michael, Freeman street	2		House, 1,500; lot, 10,170 ft., 1,300	2,800	37 28
Libby, Hezekiah, Perry street	2	500			8 30
Libby, Mrs. John O., White place			House, 700; lot, 1/16 a., 400	1,100	13 86
Lincoln, Mrs. Ann Eliza, Harvard st.			House by self, 3,500; lot, 35,325 ft., 16,500; house, Webster place, 5,000; lot, 10,000 ft., 3,400; house, Webster place, by Talbot, 4,000; lot, 10,000 ft., 3,400; double house, Harvard street, 6,000; lot, 10,672 ft., 7,000	48,800	614 88
Lincoln, Charles D., Davis avenue	2		House, 4,500; stable, 500; lot, 20,503 ft., 4,500; stable-lot, St. Paul street, 36,040 ft., 8,000	17,500	222 50
Lincoln, William H., Dudley street	2	20,000	House, 8,000; stable, 1,000; lot, 39,930 ft., 13,500	22,500	537 50
Linnehan, Mary, heirs of, Boylston street			House, 700; lot, 5,374 ft., 1,000	1,700	21 42
Littell, Robert S., Alton street	2	10,000	House, Aspinwall avenue, 2,500; lot, 8,761 ft., 2,200; lot, Perry street, 11,437 ft., 2,300	7,000	216 20
Littell, Miss Susan G., Alton street			House, 6,000; lot, 60,000 ft., 12,000; schoolhouse, 500	18,500	233 10
Little, James L., jun., Goddard av.	2	12,000			151 20

Little, Mrs. J. L., jun., Goddard av...			House, 1,500; stable, 2,000; house by Jordan, 2,500; land, 17½ a., 14,000	33,500	422	10
Locke, Leonard, at R. C. Winthrop's,	2	500			8	30
Long, John D., Washington street ..	2		House, 3,200; shop, 300; lot, 5,230 ft., 3,000	6,500	83	90
Loring, Augustus N., Browne street,	2	1,500			20	90
Loring, Thacher, Walley avenue	2	5,500			71	30
Love, James, Ackers avenue.....	2		House, 800; lot, 8,503 ft., 500	1,300	18	38
Lovering, James C., Davis avenue ..	2		House, 8,000; stable, 500; lot, 11,447 ft., 3,200	11,700	149	42
Lowell, Augustus, Heath street	2	110,000	House, 30,000; stable, 3,000; farmhouse, 1,000; greenhouse, 1,000; land, 10 a., 20,000; pasture, Heath street, 12½ a., 2,000	57,000	2,106	20
Lucas, Margaret, Washington street,			2 shops, 1,100; lot, 2,016 ft., 1,300	2,400	30	24
Lunney, James, Washington street..	2		House by self, 700; do. in rear, 500; lot, 1/16 a., 1,200; house, Emerald street, 800; lot, 1/16 a., 1,000	4,200	54	98
Lunney, John, Fay place.....	2		House, 400; lot, 1,600 ft., 400	800	12	08
Lunney, Margaret, Brighton street..			House, 800; lot, 20,000 ft., 1,000	1,800	22	62
Lyford, Nathaniel, Vernon street....	2		House, 4,000; stable, 300; lot, 12,000 ft., 3,000; lot, Kent street, 40,250 ft., 10,000; house for Eberhardt, 2,500; lot, 1,869 ft., 1,900	21,700	275	42
Lyford, Nathaniel, and P. W. Pierce, Vernon street.....			2 houses, Pearl street, 1,600; lot, 3,000 ft., 800	2,400	30	24
Lyman, Theodore, Heath street	2	65,000	House, 20,000; farmhouse, 1,800; stable, 1,500; barn, 800; greenhouse, 600; do., 400; land, 61¼ a., 61,000; wild land, Reservoir place, 3¾ a., 700	86,800	1,914	68
Lynch, Owen, Brookline avenue	2		House, 500; lot, 2,700 ft., 500	1,000	14	60
Mabie, Henry C., Harvard avenue ..	2			500	8	30
Macomber, Henry S., Monmouth st..	2	200			4	52
Madden, Daniel, Oak street	2		House, 500; lot, 36,052 ft., 500	1,000	14	60
Madore, Bridget, Boylston street....			House, 1,500; lot, 5,709 ft., 1,600	3,100	39	06
Mahan, Michael, Thayer place.....	2		House, 1,200; do. in rear, 1,400; lot, 4,356 ft., 1,200; shop, Walter avenue, 300; lot, 4,103 ft., 800	4,900	63	74
Mahan, Thomas, Dudley street.....	2	100			3	26
Maher, James H., Washington street,		200	House-lot, Walter avenue, 4,330 ft., 800	800	12	60
Mahoney, Hannah, Freeman street..			House, 1,000; lot, 14,163 ft., 1,400	2,400	30	24
Mahoney, John, Hammond street ...	2		House, 300; lot, ⅞ a., 500; do., 2¼ a., 500	1,300	18	38
Mahoney, Mary, Fay place.....			House and shops, 1,500; lot, 3,200 ft., 2,800	4,300	54	18
Mahoney, Patrick, Brighton street...	2		House, 1,300; barn, 100; lot, 14,270 ft., 700	2,100	28	46
Malone, Bernard, Summer street....	2		House, 800; lot, 16,500 ft., 800	1,600	22	16

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Maloney, Bridget, Pearl street			House by self, 400; barn, 100; lot, $\frac{1}{16}$ a., 300; house, corner of Court, 1,400; lot, $\frac{1}{16}$ a., 700; house for J. Mitchell, 200; lot, 300	$3,400	$42 84
Manley, Michael, Boylston street	$2		House, 900; lot, 7,000 ft., 500	1,400	19 64
Mann, Nehemiah P., Marion street	2		House, 4,500; stable, 800; lot, 43,064 ft., 11,500	16,800	213 68
Mann, Nehemiah P., jun., Beacon street	2		House, 9,500; lot, 29,553 ft., 8,500	18,000	228 80
Marshall, J. K., Winchester street	2	$4,500			56 70
Marston, Edwin O., Boylston street	2		House, 2,000; lot, $\frac{1}{16}$ a., 800	2,800	37 28
Mason, Albert, Summit avenue	2	1,000			14 60
Mason, Henry, Harvard street	2	15,000	House, 7,000; stable and billiard-room, 1,500; lot, 67,955 ft., 13,000; lot, Park street, 20,058 ft., 5,000; do., Marion street, 29,829 ft., 4,500	31,000	581 60
Matthews, A. G., School street	2	1,000	Double house by self, 3,200; lot, $\frac{1}{4}$ a., 2,000; house, north side School street, 1,000; lot, 6,000 ft., 1,700; lot, Searle avenue, 11,268 ft., 3,000	10,900	151 94
Maynard, Charles H., Francis street,	2	500			8 30
Mayo, Henry, estate of, Summit av.			House, 3,000; stable, 500; lot, 32,738 ft., 3,800	7,300	91 98
Mayo, Julia A., Davis avenue			House, 1,500; lot, 2,817 ft., 600	2,100	26 46
Mayo & Paine, Rooney's block		1,800			22 68
McAvoy, Patrick, White place	2		House, 600; lot, $\frac{1}{16}$ a., 300	900	13 34
McBirney, James, Pleasant street	2	700	Double house, 1,300; stable, 300; lot, $\frac{2}{3}$ a., 4,500	6,100	87 68
McCarthy, Clara H., Newton street			House, 3,000; lot, 1 a., 1,200	4,200	52 92
McCarty, Catherine, Boylston street,			House, 700; lot, 6,700 ft., 1,000	1,700	21 42
McCarty, Patrick, Boylston street	2		House, 700; lot, 3,708 ft., 1,000	1,700	23 42
McCarty, Peter, Cypress street	2		House, 1,100; lot, 2,870 ft., 500	1,600	22 16
McCausland, C. B., and L. C. Dale, Aspinwall avenue			House, 1,700; lot, 3,757 ft., 1,200	2,900	36 54
McCormack, James, Hammond st.	2		House, 500; lot, 28,920 ft., 500	1,000	14 60
McCormack, Mrs. John, Washington street			House, 1,600; lot, 1,994 ft., 1,600	3,200	40 32
McCue, Mary Ann, Ackers avenue			House, 800; stable, 300; lot, 8,034 ft., 500	1,600	20 16
McCullough, Thos., Washington st.	2	100	House and shop, 1,600; stable, 100; lot, 4,318 ft., 3,000	4,700	62 48

McDonald, Archibald E., Linden pl.	2	2,000	House, 5,000; stable, 500; block, 9 tenements, 8,000; land, $1\frac{3}{5}$ a., 10,500	24,000	329	60
McDonough, John, Boylston street..	2		House, 900; do. in rear, 300; lot, 3,378 ft., 1,000	2,200	29	72
McGrady, Michael, Reservoir place..	2		House, 100; land, 8 a., 2,400	2,500	33	50
McGrath, Mary, Sewall place			House-lot, 2,045 ft., 300	300	3	78
McGuire, Terence, Heath street	2		House, 300; do., 100; lot, 32,024 ft., 700	1,100	15	86
McInerny, James, Chestnut street...	2		House, 400; lot, 4,500 ft., 700	1,100	15	86
McInerny, John, Chestnut street....	2		House, 600; lot, 5,405 ft., 800	1,400	19	64
McLaughlin, Patrick, Hammond st..	2		House, 400; lot, 10,000 ft., 200; do., 7,000 ft., 100	700	10	82
McMahan, Bridget, Washington st..	2		House, 500; do., 100; house-lot, $\frac{1}{16}$ a., 600	1,200	15	12
McMahan, Bridget, Brookline av....			House, 150; do. in rear, 50; lot, 1,300 ft., 200; lot, Pearl street, 3,000 ft., 700	1,100	13	86
McMahan, Thomas, Kerrigan place,	2		House, 800; lot, $\frac{1}{16}$ a., 400	1,200	17	12
McMannus, Bridget, Villa lane.....			House, 200; lot, 4,777 ft., 800	1,000	12	60
McNamara, Ann, Walter avenue....			House, 1,500; lot, 3,600 ft., 700	2,200	27	72
McNulty, John, Boylston street.....	2		House, 500; lot, 6,860 ft., 400	900	13	34
Mealy, Edward, Kerrigan place.....	2		House, 500; lot 1,688 ft., 300	800	12	08
Mealy, Francis, Sewall street.....	2		House, 400; do., 300; do., 300; lot, 4,709 ft., 500	1,500	20	90
Mealy, Mrs. John, Chestnut street...	2		House by self, 500; do. by Long, 800; lot, 13,743 ft., 1,400; house by Cranwell, 400; do. by Glennon, 300; do. by Kelly, 800; house-lot, 4,450 ft., 1,200; house, Pearl street, 900; do., 400; lot, $\frac{1}{4}$ a., 1,200	7,900	99	54
Mealy, Mary Ann, Boylston street..			House, 1,100; do., 1,800; lot, 24,263 ft., 4,600	7,500	94	50
Meany, Daniel, Cypress street.....	2		House, 900; lot, 4,094 ft., 700	1,600	22	16
Melcher, William K., Linden place..	2		House, Aspinwall avenue, 4,500; stable, 300; lot, 26,712 ft., 6,000	10,800	138	08
Mellen, Mrs. Sarah, Beacon street...			House, 5,000; lot, 40,200 ft., 11,500	16,500	207	90
Meredith, Mrs. Samuel, by trustee, Hawes street		2,300			28	98
Merrill, Joseph E., High street.....	2	1,000			14	60
Merrill, T. Watson, trustee, Boston, Vernon street		31,500			396	90
Merritt, George W., Perry street	2	3,000	House, 5,000; lot, 11,250 ft., 2,500	7,500	134	30
Mehan, Dennis, Brighton street.....	2		House, 500; lot, $\frac{1}{2}$ a., 1,000	1,500	20	90
Metcalf, Theodore, Dummer street..	2	5,000			65	00
Metropolitan R.R. Co., Walnut st....			Stable, 5,000; lot, 8,600 ft., 7,000; shop, Juniper street, 400; lot, 6,758 ft., 2,000	14,400	181	44
Miles, Charles E., Vernon street	2		House, 3,200; lot, 8,072 ft., 1,800	5,000	65	00
Miley, Mary, Carlton street			Lot on Walter avenue, 3,600 ft., 700	700	8	82

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Miller, Elizabeth M., Clyde street			Half house, 600; land, 100,601 ft., 3,000	$3,600	$45 36
Miskill, John, Fairmount	$2		House, 600; do., 300; barn, 100; lot, 7,550 ft., 400	1,400	19 64
Miskill, Thomas, at Mrs. E. Cabot's,	2		Block, 4 tenements, Morss avenue, 3,200; lot, 3,600 ft., 900; lot, Houlihan avenue, 6,000 ft., 400; house by John Miskill, Washington street, 800; block, corner Washington street and Walter avenue, 1,700; lot, 7,852 ft., 3,700	10,700	136 82
Monks, Frank H., Monmouth street,	2	$3,300			43 58
Mooney, Luke, Reservoir place	2		House, 700; lot, 50,056 ft., 700	1,400	19 64
Moore, Emery B., Kent street	2	500	House, 4,800; lot, 22,775 ft., 5,000 (Francis street)	9,800	131 78
Moran, Edward, Sewall place	2		House, 300; lot, 1,760 ft., 200	500	8 30
Moran, Lawrence, Houlihan avenue,	2		House, 900; lot 14 and part 15, 5,620 ft., 400	1,300	18 38
Morlock, Jacob, Washington street	2	1,500	Block, stores and houses, 12,000; house in rear, 800; house in rear, 200; block-lot, 6,500 ft., 4,800	17,800	245 18
Morrill, David B., Harvard street	2		House, 1,500; stable, 200; land, 7½ a., 10,000	11,700	149 42
Morrison, David F., Davis mansion	2	500			8 30
Morse, Fitz Albert, Monmouth street,	2	2,500			33 50
Mudge, Mrs. E. A. B., estate of, Summit avenue			House by Thompson, 3,000; stable, 600; greenhouse, 200; lot, 20,147 ft., 2,500	6,300	79 38
Mudge, George A., Summit avenue	2		House and store, Harvard street, 3,700; stable, 400; house-lot, 6,771 ft., 3,000; lots, Walker avenue, 25,339 ft., 5,000	12,100	154 46
Muldowney, Catherine, Juniper st			House, 1,000; lot, 3,600 ft., 700	1,700	21 42
Mulhern, Edward, Kerrigan place	2		House, 400; lot, 1,560 ft., 400; house by McCarty, 1,200; lot, 1,894 ft., 500	2,500	33 50
Mulrennin, Wm., Washington street,	2		House by self, 1,200; do., 1,000; do., 1,400; house-lot, 6,200 ft., 3,500; Brookline house, 800; stable, 100; lot, 6,718 ft., 4,500	12,500	159 50
Mungovan, James G., Boylston st	2		House, 1,200; lot, 3,852 ft., 1,000	2,200	30 98
Murdock, Miss Eliza, Warren street,		2,500			31 50
Murphy, Eliza J., Washington street,		200			2 52
Murphy, Mary, Reservoir place			House, 400; lot, 28,887 ft., 400; do. in valley, 24,911 ft., 200	1,000	12 60

Murphy, Michael, Linden place	2		House, 800; lot, 7,482 ft., 1,600	2,400	32 24
Murray, Hugh, jun., Brookline av.	2		House, 700; lot, 3,915 ft., 800	1,500	20 90
Murray, John, Pearl street	2		House, 600; lot, 4,245 ft., 1,100	1,700	23 42
Murray, Michael, Houlihan avenue	2		House, 800; lot, 4,410 ft., 300	1,100	15 86
Murray, Patrick, Brookline avenue	2		House, 1,000; stable, 100; lot, 3,600 ft., 400	1,500	20 90
Murray, Thomas, Oak street	2		House, 400; lot, 15,000 ft., 300	700	10 82
Nagle, Thomas, Morss avenue	2	200			4 52
Nash, Francis J., Auburn street	2	1,000	House, 4,000; stable, 400; lot, 28,504 ft., 6,000	10,400	145 64
Neal, Burton J., Boylston street	2	500	House, 1,600; lot, ¼ a., 2,000; stable, 200; shop, 800; lot, 4,480 ft., 1,000	5,600	78 86
Nelson Brothers, Harvard street		3,000			37 80
Nesbit, Elizabeth S., Corey hill		500	House, 5,000; lot, 9,803 ft., 1,200	6,200	84 42
Newman, Robert, Beacon street	2	1,000	House, 2,500; stable, 500; lot, 88,820 ft., 19,000	22,000	291 80
Noonan, John, Pearl street	2		House, 800; do. by Jennings, 900; do. by Broderick, 100; lot, 1,748 ft., 700	2,500	33 50
Norton, Patrick, Pearl street	2		Lot, Walter avenue, 3,600 ft., 700	700	10 82
Noyes, George D.	2	2,000	House, 6,000; lot, 8,968 ft., 2,300	8,300	131 78
Nyhan, Timothy, Heath street	2	500	House, 700; barn, 200; lot, 72,000 ft., 1,000; lot, 19,660 ft., 300; lot, 1 a., 400	2,600	41 06
O'Beirne, Bridget, Walter avenue			Stable, 800; lot, 4,054 ft., 800	1,600	20 16
O'Connell, James, estate of, High st.			House, 1,100; shop, 100; double house, 1,500; lot, ½ a., 2,000	4,700	59 22
O'Conner, Cornelius, Pearl street	2		House, 500; lot, 1,250 ft., 500	1,000	14 60
O'Conner, Dennis, with E. C. Wilson,	2		House, Fay place, 800; lot, $\frac{1}{16}$ a., 400	1,200	17 12
O'Day, John, heirs of, Washington st.			Half house, 400; half lot, $\frac{1}{32}$ a., 300	700	8 82
O'Day, Mrs. Mary, Brookline avenue,			House, 900; lot, $\frac{1}{16}$ a., 600	1,500	18 90
O'Day, Michael, Washington street	2		Half house, 400; half lot, 300	700	10 82
O'Day, Michael, and Mrs. John Maddock, Washington street			House, 600; lot, $\frac{1}{16}$ a., 500	1,100	13 86
O'Day, Mrs. Thomas, Washington st.			House, 500; lot, ⅛ a., 2,500	3,000	37 80
O'Hare, Hugh, Brighton street	2		House, 200; lot, 3,600 ft., 400	600	9 56
O'Hare, John, Pearl street	2		House, 700; lot, $\frac{1}{16}$ a., 800	1,500	20 90
O'Hearn, Cornelius, Boylston street,	2	1,500	House by self, 3,200; stable, 700; house-lot, 20,000 ft., 4,200; house in rear, 800; lot, 10,000 ft., 1,600; house in Pearl street, 800; do., 700; do., 600; lot, ⅛ a., 2,000; house, 500; do, 500; lot, $\frac{1}{16}$ a., 1,000; house, 600; do., 600; do., 400; lot ⅛ a., 2,000	20,200	275 42

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
O'Hearn, Mary, Emerald street			House, 800; lot, 1,744 ft., 600	$1,400	$17 64
O'Hern, James, Houlihan avenue	$2		House by self, 1,200; stable, 100; house by Latraff, 800; do. by Kelly, 1,500; house-lots, 32,012 ft., 1,300	4,900	63 74
O'Holleran, Timothy, Heath street	2		House, 400; lot, 40,000 ft., 500	900	13 34
Olsen, Peder, Summit avenue	2	$5,000	House, 5,000; stable, 1,200; lot, 1½ a., 5,000	11,200	206 12
Orrock, Mrs. Josephine, Winchester street			House, 3,200; lot, 14,400 ft., 2,300	5,500	69 30
Packard, Edward W., Washington street	2	1,500			20 90
Paine, Francis T., estate of, Harvard avenue			House, 4,000; lot, 41,520 ft., 10,000	14,000	176 40
Paine, Robert Treat, Washington st.	2	55,000			693 00
Palmer, Charles L., Washington st.	2		House, 2,500; do. in rear, 1,500; lot, 5,086 ft., 3,000	7,000	90 20
Palmer, Jacob P., Harvard avenue	2	1,000	House, 3,000; lot, ¼ a., 2,500	5,500	83 90
Panter, John, Washington street	2		House by self, 3,500; stable, 200; house by Woodbury, 3,200; lot, 11,594 ft., 10,000; hotel Andrews, 17,000; lot, 4,714 ft., 5,500; Davis mansion, 17,000; lot, 4,300 ft., 2,800; shop-block by Hand, 2,200; lot, 4,280 ft., 5,000; house, Andem place, 1,200; lot, 5,050 ft., 1,600; Colonnade block, 28,000; lot, 8,814 ft., 11,000; lot in rear, 7,793 ft., 3,600; Kimball house, Washington street, 1,800; lot, 24,975 ft., 7,000; barn, 100; barn, Villa lane, 100; 12 lots, 60,848 ft., 10,000	130,800	1,650 08
Parker, Alice Q., Hawes street		3,965			49 96
Parker, Charles E., Monmouth st.	2	1,000			14 60
Parker, James C. D., Mountfort st.	2	3,000			37 80
Parker, Mary F., Hawes street		2,935			36 98
Parker, Mason G., Winchester street,	2	500	Lot, Babcock street, 19,750 ft., 2,500	2,500	39 80
Parker, William L., Hawes street	2	1,200			17 12
Parsons, Thomas, Cottage street	2	30,000	House, 8,500; stable, 1,000; greenhouse, 300; lot, 3½ a., 4,500	14,300	560 18
Patterson, James, Harvard place	2		House, 1,400; lot, 2,769 ft., 600	2,000	27 20
Peabody, Robert S., High street	2	8,000	House, 8,500; lot, 15,934 ft., 4,200	12,700	262 82

Peabody, Mrs., William A., Colchester street		8,000			100 80
Peirce, Henry, Harvard street	2	32,000	House, 5,700; stable, 1,000; lot, 53,000 ft., 20,000; lot, Webster street, 19,666 ft., 4,000	30,700	792 02
Peirce, Henry E., Egmont street	2	5,000			65 00
Penniman, Elisha, heirs of, Boylston street			House, 3,700; stable, 400; lot, 2 a., 4,000; mowing, Reservoir place, 8 a., 3,800	11,900	149 94
Penniman, George, Boylston street	3	3,000			39 80
Perkins, Elizabeth A., Colonnade hotel		800			10 80
Perrin, Mary B., by trustee, Walnut street		2,700	House, 3,000; stable, 400; lot, $\frac{5}{8}$ a., 2,700; lot, Cypress street, $\frac{3}{8}$ a., 19,535 ft., 3,300	9,400	152 46
Pettingel, Thomas S., Harvard st.	2		House, 3,500; stable, 300; lot, 15,264 ft., 5,500	9,300	119 18
Phelps, Harriet N., Aspinwall av.			House, 2,000; lot, 3,705 ft., 1,200	3,200	40 32
Philbrick, Edward S., Walnut street,	2	6,000	House, Walnut street, 3,300; lot, 6,000 ft., 1,800; house by Storrs, 12,000; lot, 7,640 ft., 2,400; house by Curry, 6,000; lot, 10,000 ft., 2,700; block by Miss Head, 12,000; do. by Ware, 5,300; cottage by Stoddard, 3,500; lot, 37,000 ft., 9,000; house by Dolloff, 2,500; lot, 21,328 ft., 4,500; house by Tappan, 2,000; lot, $\frac{1}{8}$ a., 1,500	68,500	940 70
Philbrick, Edward S., trustee of will of L. L. Roach		21,600			272 16
Philbrick, Mrs. Eliza		1,000			12 60
Philbrick, Samuel, estate of			House, 6,500; stable, 1,000; house by Winsor, 6,500; house by Storrow, 8,500; stable, 1,000; house by Chapin, 8,000; do. by Loring, 8,000; house-lots and mowing, $10\frac{1}{4}$ a., 96,000	135,500	1,707 30
Pidgeon, Michael, Walter avenue	2		House, 1,000; lot, 3,600; ft., 700	1,700	23 42
Pierce, Jacob W., estate of, Brighton street		170,000	House, 11,000; stable, 800; barn, 1,000; land, Brighton and Tappan streets and Fisher avenue, 40 a., 52,000; lot, Brighton street, 2 a., 3,200	68,000	2,998 80
Pierce, Peter W., School street	2	1,000	House, 2,000; lot, 7,100 ft., 2,100	4,100	66 26
Plympton, Arthur W., Monmouth st.	2	1,000			14 60
Poor, Henry V., Walnut street	2	2,500			33 50
Poor, Mrs. H. V., Walnut street			House, 6,000; stable, 1,000; land, 227,631 ft., 15,500	22,500	283 50
Pope, Mrs. Gertrude B., Colchester street			House, 2,500; lot, 10,000 ft., 4,000	6,500	81 90

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Potter, Mrs. Lucinda, Harrison pl.		$1,000	House, 4,500; lot, 13,037 ft., 4,000	$8,500	$121 70
Pratt, Esther M., Harvard street		400			5 04
Preble, George H., Essex street	$2	2,000			27 20
Prescott, Frederick W., estate of, Pleasant street		500			6 30
Prescott, Mrs. Frederick W., Pleasant street			House, 2,000; stable, 200; lot, 14,300 ft., 3,300; house-lot, Green street, 48,631 ft., 6,500; double house, Pleasant street, 2,500; lot, 14,580 ft., 3,300; house-lot, Chestnut street, 83,000 ft., 5,000	22,800	293 48
Price, Lewis S., at Mrs. E. Cabot's	2	500			8 30
Putnam, Joshua H.	2	2,500	House-lot, Harvard street, 37,500 ft., 12,500	12,500	191 00
Quimby, Thomas C., Heath street	2	800	House-lot, corner Hammond street, 14,000 ft., 400; do., do. of Mahony, 1¼ a., 300	700	20 90
Quinlan, Michael W., High street	2	2,500	House, 3,800; lot, 13,396 ft., 4,200; house, Walnut street, 700; lot, 1/16 a., 1,900; shop, Boylston street, 3,500; lot, 7,042 ft., 6,500; brick storehouse, corner Walnut and High streets, 5,000; carriage-house, Boylston street, 1,700; do. in rear, 800; blacksmith-shop, 400; lots 18, 19, 6,000 ft., 2,500	31,000	424 10
Quinlan, Thomas, Boylston street	2		House, 1,400; lot, 3,000 ft., 1,000	2,400	32 24
Quinlan, Thomas, jun., Walnut st.	2		House-lot, Boylston street, 3,000 ft., 1,000	1,000	14 60
Quinn, James, Chestnut street	2		House, 400; greenhouse, 100; do., 100; lot, 17,195 ft., 1,700	2,300	30 98
Rand, Avery L., Monmouth court	2	500			8 30
Rausch, Mrs. Anna, Harvard place			House, 1,400; lot, 2,267 ft., 500	1,900	23 94
Raymond, Edward A., estate of, Beacon street		50,000			630 00
Raymond, Mrs. E. T., Beacon street		25,000	House, 8,000; stable, 800; greenhouse, 400; lot, 59,000 ft., 17,000	26,200	645 12
Raymond, Henry E., Goddard av.	2	5,000			65 00
Raymond, Susan A., Goddard av.		25,000	House, 5,500; stable, 500; barn, 300; lot, 3¼ a., 4,000	10,300	444 78

Reardon, John, Boylston street	2		House, 200; lot, 17,066 ft., 300	500	8 30
Reed, Edwin, Clyde street	2	1,000			14 60
Rice, William, estate of, Park street,	2	1,000	House, 4,500; stable, 500; lot, 48,590 ft., 7,500	12,500	170 10
Richards, Francis C., Chestnut st.	2	20,000	House, 6,500; stable, 700; lot, 45,000 ft., 4,500	11,700	401 42
Richards, John S., Clyde street	2		House, 700; lot, 3 a., 2,100	2,800	37 28
Richardson, George P., Corey hill	2	1,000			14 60
Richardson, Henry H., Cottage st.	2	5,000			65 00
Richardson, Henry L., estate of, Still street		50,000			630 00
Riley, Margaret, Boylston street			House, 900; lot, 2,800 ft., 900	1,800	22 68
Ritchie, Edward S., Cypress place	2	5,000	House, 5,000; stable, 800; lot, 27,639 ft., 6,200; lot, Gorham avenue, ¾ a., 5,000	17,000	279 20
Ritchie, Edward S., & Sons, Harvard street		12,000			151 20
Roach, Margaret, Brookline avenue			House, 900; lot, 3,000 ft., 600	1,500	18 90
Roach, Michael, Heath street	2		House, 600; lot, 2¾ a., 900	1,500	20 90
Roberts, Joseph D., Sewall street	2	1,000	House, 4,500; stable, 600; lot, 95,257 ft., 9,000	14,100	192 26
Robinson, Samuel A., Washington st.	2	19,000	House, 3,500; stable, 600; tannery, 3,500; lot, 2 a., 7,500,	15,100	431 66
Robinson, Samuel A., trustee, Washington street		5,700			71 82
Robinson, Thomas T., Linden place,	2	3,500			46 10
Robinson, Willard H., Delano's block,	2	500			8 30
Rogers, Charles E., Harvard street	2	600			7 56
Rogers, Daniel H., Tappan street	2	1,000			14 60
Rogers, Daniel H., trustee, Tappan street			House by E. S. Davis, 4,000; stable, 800; lot, 25,172 ft., 2,800; lot, north side Tappan street, 156,224 ft., 12,500,	20,100	253 26
Rogers, George R., Perry street	2	2,000			27 20
Rogers, John K., Kent street	2	4,000	House, 8,000; stable, 800; lot, 30,570 ft., 10,500	19,300	295 58
Rogers, Mrs. Lucy S., Tappan street,			House, 5,000; stable, 600; lot, 112,312 ft., 8,500; pasture, between Goddard and White, 302,407 ft., 5,300	19,400	244 44
Rogers, William C., Walnut street	2	10,000			128 00
Rohan, Charles, Harvard street	2		House, 1,300; lot, 5,000 ft., 1,100	2,400	32 24
Rooney, James, Harrison place	2	4,000	House, 3,000; lot, 5,500 ft., 2,500; house and stores, Harvard street, 9,000; brick store, 2,000; block, 3 stores and houses, 11,000; lot, 5,000 ft., 5,600	33,100	469 46
Rooney, Patrick, Brighton street	2	2,500	House, 1,200; stable, 200; lot, 2½ a., 3,800	5,200	99 02
Rooney, Mrs. Peter, Boylston street,			House, 1,200; lot, 4,200 ft., 1,000	2,200	27 72
Rooney, William, estate of, Brighton street			House, 1,000; do., 1,600; lot, ¾ a., 2,500	5,100	64 26

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Rourke, Michael, Juniper street	$2		House, 1,700; stable, 200; lot, 3,600 ft., 700; house, Boylston street, 1,200; lot, 2,964 ft., 900	$4,700	$61 22
Roy, Joseph, Davis avenue	2	$500			8 30
Ruggles, Cyrus W., Washington st	2	1,000	Unfinished house, 3,000; lot, 3,780 ft., 1,500	4,500	71 30
Ruggles, John, Beacon street	2	2,000	House, 5,000; lot, 21,241 ft., 9,000	14,000	203 60
Runkle, John D., High street	2	3,000	House, 12,000; lot, 10,000 ft., 3,500	15,500	235 10
Russell, J. Maynard, Colonnade hotel	2	200			4 52
Russell, Marshall, Walnut street	2	300	House, 3,500; stable, 400; lot, 10,587 ft., 3,600; block stores, Washington street, 6,000; stable in rear, 1,000; lot, 7,696 ft., 7,000	21,500	276 68
Ryan, Matthew, Sewall place	2		House, 300; lot, 1,760 ft., 200	500	8 30
Sabin, Charles W., Harvard avenue,	2	1,500			20 90
Sabin, Charles W., trustee for heirs of C. Dana			House-lots, Beacon street, near Brighton avenue, 11 a., 12,000	12,000	151 20
Sabin, Mrs. Martha D.			House, 4,500; lot, 19,600 ft., 5,500	10,000	126 00
Salisbury, Agnes, by trustee, Cypress street		2,000			25 20
Salisbury, Stephen, estate of, Cypress street			House, 5,500; stable, 800; lot, 22,023 ft., 5,800; house by Fitzgerald, 5,500; lot, 24,377 ft., 11,500	29,100	366 66
Sanderson, Daniel, heirs of, Brighton street			House, 2,000; stable, 400; house, 2,500; stable, 300; barn, 300; house-lot and mowing, $11\frac{219}{1000}$ a., 15,000	20,500	258 30
Sargeant, Charles S., Warren street,	2	10,000			128 00
Sargeant, Ignatius, Warren street	2	200,000	House, 25,000; stable, 7,000; dairy, 1,500; greenhouse, 1,000; do., 800; do., 600; house by Murdock, 300; house by Ward, 1,000; house-lot, garden, and mowing, 19 a., 32,000; house by Codman, 14,000; stable, 1,500; greenhouse, 2,000; lot, garden, and mowing, 14 a., 23,500; house by C. S. Sargeant, 20,000; lot, 23 a., 34,500; house, formerly Dwight, 9,000; stable, 1,800;		

			greenhouse, 500; house by Mason, 1,500; stable, 300; lot, mowing, 25½ a., 35,000; land, rear church of First Parish, 9 a., 15,000; lot next schoolhouse, 40,000 ft., 4,000; cow-barn, Chestnut place, 3,000; lot, 1⅓ a., 69,041 ft., 4,200; lot, formerly Thayer, 86,774 ft., 6,000; house, Fairmount, by Klottenburg, 800; lot, ⅓ a., 800,	246,600	5,629	16
Saville, Richard L., Alton street	2	500	House, 4,500; stable, 300; lot, 31,500 ft., 6,500	11,300	150	68
Sawyer, George A., Francis street	2	500			8	30
Schlessinger, Bartolo, Boylston st.	2	20,000			254	00
Scudder, Charles W., Linden place	2		House, 4,500; stable, 500; lot, 17,700 ft., 6,000	11,000	140	60
Seamans, Frank F., Harvard street	2		House, 3,600; lot, 5,770 ft., 4,200	7,800	100	28
Seamans, James M., Cypress street	2	5,000	House, Searle avenue, 3,500; lot, 25,686 ft., 7,000; store, Washington street, 4,000; stable-lot, 3,800 ft., 4,500; stable, White place, 800; lot, 2,000 ft., 500	20,300	320	78
Seamans, James M., & Co., Washington street		7,000			88	20
Searle, Frederick A., Walnut place	2	5,000	House, 5,500; lot, 26,744 ft., 5,800; house, Harvard street, by Van Slyck, 5,000; lot, 4,971 ft., 2,000	18,300	295	58
Searle, Miss Sarah, High street			House, 3,800; lot, 7,130 ft., 1,800	5,600	70	56
Sears, Isaac H., Kent street	2	1,000	House, 15,000; lot, 44,230 ft., 16,000; lot, Francis street, 46,400 ft., 6,000; lot, Beacon street, Corey hill, 47,825 ft., 8,000	45,000	581	60
Sears, William B., Washington st.	2	2,500	House, 3,000; stable, 500; lot, 3 a., 7,500	11,000	172	10
Seaver, Mrs. Martha D., Longwood avenue			House, 6,000; lot, 9,175 ft., 3,200	9,200	115	92
Seaver, Wm. J., jun., Longwood av.	2	1,500			20	90
Seaverns, Mrs. Emily G., Webster st.			House, 4,000; stable, 400; lot, ⅓ a., 3,000	7,400	93	24
Seaverns, Henry G., Webster street,	2	1,000			14	60
Seaverns, Thomas, estate of, Harvard street		5,000	House, 4,000; stable, 500; lot, ⅓ a., 4,300	8,800	173	88
Seely, Guy B., Beacon street	2	500			8	30
Shannon, Cornelius, Sewall place	2		House, 300; lot, 1,760 ft., 200	500	8	30
Shannon, Frank, Washington street,	2	200			4	52
Shapleigh, Richard W., Harvard st., Mrs. West's	2	50,000			632	00
Shea, Jeremiah, White place	2		House, 800; barn, 100; lot, 2,826 ft., 700	1,600	22	16
Shea, Morris, Boylston street	2		House, 300; lot, ⅓ a., 300	600	9	56
Shehan, John, White place	2		House, 1,200; lot, 2,379 ft., 700	1,900	25	94
Shewell, Thomas R., Tappan street	2	12,000	House, 4,500; stable, 900; lot, 40,465 ft., 3,800	9,200	269	12
Shurtleff, Augustine, Boylston street,	2	29,400	House, High street, 3,500; lot, 19,607 ft., 7,000	10,500	504	74

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Shurtleff, Augustine, trustee for Mrs. Shurtleff, deceased		$19,000			$239 40
Shurtleff, Augustine, trustee for Mrs. Francis		19,000			239 40
Shurtleff, Augustine, trustee for Mrs. Coolidge		19,000			239 40
Shurtleff, Samuel A., deceased, estate of			House, 5,000; stable, 800; house by Hovey, 4,000; land, 3⅞ a., 30,000	$39,800	501 48
Singleton, Thomas C., Harvard st	$2		House, 4,000; stable, 400; lot, 6,866 ft., 2,700	7,100	91 46
Slack, Lewis, Marion street	2	8,000	House, 2,700; stable, 300; lot, 32,547 ft., 8,500	11,500	247 70
Smith, Baxter P., Searle avenue	2	1,000			14 60
Smith, Charles, Boylston street	2		House, 1,200; barn, 300; lot, ½ a., 1,100	2,600	34 76
Smith, Edmund S., Clyde street	2	500			8 30
Smith, Mrs. Mary L., Clyde street			House, 1,000; stable, 300; greenhouse, 600; lot, 2¾ a., 2,100	4,000	54 40
Smith, Nahum, Harvard street			House, 1,200; stable, 300; lot, 6⅞ a., 17,000	18,500	233 10
Smyth, Abiel B., Francis street	2	800	House, 4,000; stable, 500; lot, 22,000 ft., 4,000	8,500	119 18
Spalding, Charles F., Washington st.	2	500			8 30
Spalding, Edw., "Brookline Chronicle" office		1,000			12 60
Spofford, Samuel W., Clyde street	2	3,000			39 80
Stanfield, Robert, White place	2			2,500	33 50
Stanwood, Edward, Francis street	2	1,000	Lot, High street, 20,526 ft., 6,500	6,500	96 50
Stearns, Charles, Pleasant street	2	70,000	House, 3,500; stable, 500; barn, 400; carpenter-shop, 500; house-lot and nursery, 2 a., 24,000; lot, Beacon and Pleasant streets, 2⅝ a., 24,000; lot, nursery, corner Beacon and Pleasant streets, ⅞ a., 12,500; lot, Sewall avenue and St. Paul street, ⅝ a., 16,749 ft., 4,200; dwelling-house, 5,000; house, Pleasant street, 4,500; stable, 800; lot, ½ a., 4,500; house, Washington street, 4,000; lot, 8,856 ft., 5,000; house, Walnut street, 2,500; lot, ½ a., 2,500; lot, west side Babcock street, 13,338 ft., 1,700; house, Babcock street, 5,000; lot, 13,378 ft.,		

			1,900; stable, 500; half lot, Babcock street, formerly Burnham, 17,694 ft., 2,300; half lot, Kent street, formerly Merrill, 14,048 ft., 2,500; half lot, Babcock street, formerly Ellis, 17,694 ft., 2,300	113,900	2,315 36
Stearns, Charles, and heirs of Marshall Stearns, Pleasant street			Mill cottage, 800; barn, 200; lots, 7½ a., 65,000; lots, north by Longwood avenue, west by St. Paul street, 3⅝ a., 27,000; lots, north by Longwood avenue, west by Kent street, 81,600 ft., 21,000; lot, from Kent street to Longwood avenue, assessed Bowditch *et al.*, trustees, 1⅝ a., 9,000; lot, east by St. Paul street, west by W. & C. H. Stearns, ½ a., 5,000; lot, corner St. Paul street, west by Wells, $\frac{1}{16}$ a., 800	128,800	1,622 88
Stearns, Charles H. Pleasant street	2	8,000			102 80
Stearns, George W., Boylston street,	2	800			12 08
Stearns, James P., Pleasant street	2	2,000			27 20
Stearns, Mrs. James P., by trustee, Pleasant street		8,000			100 80
Stearns, Mrs. J. P., Pleasant street			House, 7,500; stable, 500; lot, 21,600 ft., 5,500	13,500	
Stearns, John G., estate of, Pleasant street		33,000	House, 6,500; stable, 1,200; lot, 85,025 ft., 18,000; house by Edwards, 4,700; lot, 9,600 ft., 2,800; lot adjoining Edwards, Longwood avenue, 23,500 ft., 6,500; lot, corner Longwood and Sewall avenues, 35,200 ft., 13,000; lot, Longwood av., formerly Curtis, 44,455 ft., 11,500,	64,200	1,224 72
Stearns, John G., jun., Pleasant st.	2	8,000	House, 4,500; lot, 14,065 ft., 4,200	8,700	212 40
Stearns, Marshall, heirs of, Sewall avenue			House by William Stearns, 4,500; stable, 500; lot, 6 a., 42,000	47,000	592 20
Stearns, Nancy, Sewall avenue		6,000	House, 1,800; lot, 1½ a., 13,000	14,800	262 08
Stearns, William, Sewall avenue	2	10,000	House by Copeland, 2,800; stable, 400; lot, 12,814 ft., 2,700; lot, corner Sewall avenue and St. Paul street, 19,809 ft., 4,000	9,900	252 74
Stearns, William and Charles H., Sewall avenue			Lot, south side Longwood avenue, west by Nancy Stearns, 4 a., 24,000	24,000	302 40
Stearns, William, and Samuel Clark			Lots, Juniper street, 17, 18, and 24, 24,250 ft., 3,800; half lot 18, 2,596 ft., 600	4,400	55 44
Stevens, William H., Searle avenue	2		House, 2,000; lot, 6,660 ft., 1,700	3,700	48 62
Stevenson, Misses, Walnut place			House, 4,000; lot, 13,000 ft., 2,600	6,600	83 16

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Stillman, Oscar B., Walnut street ...	$2	$5,000			$65 00
Stitt, Mrs. Ellen, White place			House, 800; stable, 100; lot, 2,804 ft., 700.....	$1,600	20 16
Stockton, Howard, *et al.*, Ivy street..		1,000	House by F W. Lawrence, 7,000; lot, 26,500 ft., 8,500; house by Cunningham, 6,000; lot, 26,500 ft., 8,500; stable, 500; house by Shaw, 6,000; 2 lots, 47,769 ft., 15,000; stable, 500; house by Hichborn, 3,500; lot, 22,472 ft., 8,000.....	63,500	812 70
Stoddard, Bela, heirs of, Harvard st.			House, 2,000; lot, 14,000 ft., 5,700	7,700	97 02
Stodder, Henry F., Walnut street ...	2	500			8 30
Stodder, S. Caroline, Longwood av...		10,000			126 00
Stone & Goodspeed, Washington st..		5,800	Stable, 2,500; lot, 5,000 ft., 5,500	8,000	173 88
Stone, Milton J., Cypress street	2		House, 2,800; greenhouse, 1,500; lot, 8,000 ft., 1,200; lot adjoining, $2\frac{2}{8}$ a., 8,500.....	14,000	178 40
Storey, Moorfield, High street	2	2,000	House, 8,000; lot, 13,148 ft., 3,500	11,500	172 10
Storrow, Charles, Walley avenue....	2	5,000			65 00
Stuart, William J., Juniper street...	2		House, 1,100; lot, 3,052 ft., 600	1,700	23 42
Stubbs, Ira A., White place.....	2		House, 700; lot, 1,900 ft., 600.....	1,300	18 38
Sturdevant, John D., Cypress street.	2	100,000	House, 6,000; stable, 800; lot, $1\frac{1}{16}$ a., 10,000.....	16,800	1,473 68
Sullivan, Florence, Juniper street..	2		House, 1,000; stable, 200; lot, 3,600 ft., 700.....	1,900	25 94
Sullivan, John, Pearl street	2	300	House, 400; do., 100; barn, 200; house by Collins, 700; house by Ryan, 600; land, Pearl street, $\frac{1}{16}$ a., 700; lot, Brighton street, $1\frac{1}{4}$ a., 2,000; lot, Brookline avenue, 12,000 ft., 2,200.....	6,900	92 72
Sweeny, Thomas, Ackers avenue....	2		House, 800; stable, 300; lot, $1\frac{1}{4}$ a., 1,500.....	2,600	34 76
Swift, Miss L. M., Washington street,		1,000			12 60
Taffe, William, Heath street	2	500			8 30
Talbot, George N., Monmouth street,	2	500			8 30
Taylor, Mrs. Ann M., Walnut street,		5,000			63 00
Taylor, Mrs. Elizabeth H., Harvard street.....			House, 8,000; stable, 1,000; lot, 48,161 ft., 24,000; lot, Summer street, 15,400 ft., 500; lot, Gorham avenue, 23,695 ft., 3,500.....	37,000	466 20
Taylor, Mrs. Jessie, Brighton street,		60,000			756 00

Taylor, John, estate of, Brighton st.			House, 12,000; stable, 1,500; greenhouse, 2,000; house in rear, 300; land, 22⅔ a., 26,000; do., rear lot, 1½ a., 800,	42,600	
Taylor, Washington I., Walnut st...	2	1,000	House, 4,000; lot., 16,035 ft., 3,500	7,500	109 10
Taylor, William H., Dudley street, Fairmount	2	2,000	House, 4,500; stable, 1,000; lot, 90,780 ft., 4,500	10,000	153 20
Thayer, Miss Adele G., by Nathaniel Thayer, trustee, Warren street		787,000			9,916 20
Thing, Thomas W., Boylston street..	2	300			5 78
Thomas, Edward I., Harvard avenue,	2	2,000	House, 6,500; stable, 1,000; lot, 25,363 ft., 6,000; house-lot, Perry street, 14,250 ft., 2,800; do., Toxteth street, 14,250 ft., 2,800; do. between Longwood avenue and Francis street, 247,000 ft., 19,000	38,100	507 26
Thomas, Rev. Reuen, Harvard street,	2	3,500			46 10
Thompson, George, Heath street	2	500	House, 1,800; stable, 500; greenhouse, 100; land, 12 a., 7,200; do., near Heath street, 1¾ a., 800	10,400	139 34
Thompson, John, Davis avenue	2		House, 1,500; stable, 500; lot, 5,000 ft., 2,300	4,300	56 18
Thompson, Samuel R., Summit av...	2	500			8 30
Thorndike, Charles, Pleasant street..	2	14,000			178 40
Thorndike, H. Augusta, Pleasant st..		14,000			176 40
Tobey, Miss M. B., Linden place			House, 800; greenhouse, 200; lot, ½ a., 3,000	4,000	50 40
Tompson, Edward W. E., Francis st.	2	300	House, 4,800; stable, 700; lot, 22,562 ft., 5,000; house by Stanwood, 4,000; stable, 500; double house, vacant, 5,500; do. by Farnham, 5,500; lot, 33,072 ft., 7,600	33,600	429 14
Tompson, Samuel, Kent street	2	10,000	House, 6,500; stable, 1,000; lot, 34,910 ft., 8,500	16,000	329 60
Torrey, George W., Harvard avenue,	2	10,000			128 00
Touissant, Emily, Aspinwall avenue,			House, unfinished, 1,800; land, 5,012 ft., 1,000	2,800	35 28
Towle, George M., Walnut place	2	1,000	House, 2,700; lot, 21,890 ft., 3,000	5,700	86 42
Towle, Nathaniel C., Irving street...	2		House, 3,300; lot, 4,284 ft., 1,800	5,100	66 26
Towne, Mrs. Frances R., High street,			House, 1,200; lot, 2,870 ft., 600	1,800	22 68
Townsend, John, Walnut street.....	2	24,600			309 96
Townsend, Mrs. John, Walnut st....			House, 6,000; stable, 1,200; lot, 37,900 ft., 4,500	11,700	147 42
Train, Mrs. Frances G., Chestnut pl		50,000	House, 4,700; shed, 400; lot, 52,400 ft., 4,000	9,100	744 66
Train, Samuel P., Chestnut place....	2	500			8 30
Train, Stephen G., Chestnut place...	2	1,000			14 60
Trowbridge, Charles P., School st...	2	500	House, 2,000; stable, 300; lot, ¼ a., 3,000	5,300	75 08
Trowbridge & Hill, Pearl street.....		3,000			37 80
Trustees First Parish, Walnut street,			House by Brown, 4,500; lot, ½ a., 2,500	7,000	88 20
Turcher, John R., White place.....	2		House, 1,200; lot, 2,379 ft., 700	1,900	25 94
Turner, Fergus B., Gorham avenue..	2		House, 1,500; lot, 5,636 ft., 1,000	2,500	33 50

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Twitchell, Ginery, Harrison place...	$2	$30,000	House, 4,700; stable, 400; lot, 14,000 ft., 5,000; double house, Andem place, 1,500; lot, ¼ a., 3,500; barn, 100; lot 5, Mellen land, 13,963 ft., 3,500; lot 4, Mellen land, 32,396 ft., 6,000; lot in rear barn-lot, 17,000 ft., 3,000..	$27,700	$729 02
Tyler, George, Harrison place.....	2		House, 2,800; lot, 9,100 ft., 3,500	6,300	81 38
Tyler, William C., Pleasant street...	2	2,000	House, 4,000; lot, 18,000 ft., 4,000	8,000	128 00
Upham, Henry, estate of, Warren st....		160,000	House, 15,000; stable, 1,000; lot, 6 a., 10,000.....	26,000	2,343 60
Utley, Mrs. Emeline P., St. Paul st..			House, 7,500; lot, 25,226 ft., 8,000.....	15,500	195 30
Utley, John, St. Paul street.....	2	16,500			209 90
Van Slyck, David B., Harvard street,	2	1,500			20 90
Verney, Mrs. Almira B., Washington street.....			House, 3,500; lot, 3,606 ft., 1,000	4,500	56 70
Vinton, Hammond, Monmouth street,	2	1,500			20 90
Von Arnim, Theodore F., Prescott st.	2	25,000	House, 14,000; stable, 1,000; lot, 52,800 ft., 14,500	29,500	688 70
Waldron, Thomas, estate of, Brookline avenue.....			House, 1,300; lot, 3,150 ft., 600.....	1,900	23 94
Wales, John, house of Mrs. S. T. Dana, Monmouth street	2	500			8 30
Ward, Andrew J., Tappan street....	2	500			8 30
Ward, Langdon S., Vernon street...	2		House, 6,000; schoolhouse, 500; lot, 28,966 ft., 5,500....	12,000	153 20
Ward, Langdon S., administrator, Vernon street		13,000			163 80
Ware, Charles P., Walnut street	2	2,000			27 20
Warren, Mrs. Almira M., Warren st.		3,500	House, 3,000; stable, 500; lot, 39,194 ft., 1,500	5,000	107 10
Warren, Cyrus M., Walnut place....	2	9,400	House, 7,500; stable, 1,000; laboratory, 300; greenhouse, 400; lot, 50,000 ft., 8,300.....	17,500	340 94
Warren, Francis C., Warren street..	2	4,700	House, 3,800; stable, 500; lot, 55,231 ft., 2,000; lot, corner Dudley and Warren streets, 95,696 ft., 3,500.....	9,800	184 70
Warren, Frances M., Harvard av....			House, 4,000; stable, 500; lot, 78,506 ft. 20,000.....	24,500	308 70
Warren, Moses C., Harvard avenue,	2	1,500			20 90

Warren, Moses C., and J. H. Beals			Lot, Auburn and Harvard streets, 23,101 ft.	8,800	110 88
Warren, Mrs. Sarah S., Warren st		3,500	House, 2,000; stable, 200; lot, 5,000 ft., 1,500	3,700	90 72
Warren, J. Sullivan, estate of, Heath street			House by Mrs. Warren, 4,000; stable, 800; lot, 1½ a., 4,000; farmhouse, 500; do., 100; barn, 300; land, 72 a., 28,000; lot, north side Heath street, 2 a., 2,500	40,200	506 52
Warren, Mrs. J. Sullivan, by E. D. Sohier, trustee		35,000			441 00
Warren, Mrs. J. Sullivan, by Charles H. Parker & E. D. Sohier, trustees,		15,000			189 00
Warren, Willard, Washington street,	2		House, 1,500; stable, 300; tannery, 2,000; house-lot, 16,250 ft., 1,800; tannery-lot, 2 a., 6,000	11,600	148 16
Wason, Elbridge, Harvard street	2	30,000	House, 7,000; stable, 800; lot, 50,000 ft., 17,500; double house, Park street, 2,500; lot, 6,447 ft., 1,400; house, Winchester street, 5,000; stable, 500; lot, 9,600 ft., 1,700; lot, corner Beacon and Winchester streets, 58,738 ft., 12,000; house, Harvard street, 1,500; lot, 11,214 ft., 4,500	54,400	1,065 49
Watson, Nicholas, Fay place	2		House, 1,000; lot, 2,000 ft., 600; store in Washington street, 1,500; lot, 3,320 ft., 2,400	5,500	71 30
Webber, John H., Reservoir place	2		House, 1,000; barn, 200; lot, 12 a., 3,000; house, Washington street, 800; lot, 2,854 ft., 3,000	8,600	102 80
Weeks, Allen S., Harrison place	2	500			8 30
Weil, Charles, Beacon street	2	2,000			27 20
Welch, Francis, Davis avenue	2			5,000	65 00
Welch, Francis W., Warren street	2	27,700	House, 10,000; stable, 2,000; greenhouse, 500; house by Dwight, 5,000; land, 4 a., 8,000	25,500	672 32
Welch, Mrs. Mary Ann, Warren st		10,000			126 00
Wellington, Martha L., Cypress st			House, 4,500; stable 400; lot, 9,879 ft., 1,700; lots 5, 6, 7, Kendall estate, 46,695 ft., 3,500	10,100	127 26
Wellman, William A., estate of, Linden place		6,000	House, 4,000; stable, 300; lot, 35,927 ft., 7,000	11,300	217 98
Wells, Henry B., Longwood avenue,	2	2,000	House, 6,500; stable, 800; land, 16,638 ft., 4,500	11,800	175 88
Wells, John, estate of, Colchester st.		3,000	House, 15,000; stable, 2,000; lot, 112,746 ft., 32,000	49,000	655 20
Wesson, Elijah B., Davis avenue	2	2,000			27 20
West, Mrs. Ruth, Harvard street		1,000			12 60
Whalen, Michael, White place	2		House, 800; stable, 100; lot, 1,911 ft., 600	1,500	20 90
While, Andrew, Sewall street	2		House, 300; stable, 100; lot, 2,320 ft., 400	800	12 08
White, Francis A., Warren street	2	8,000	House, 6,000; stable, 500; greenhouse, 700; house-lot, 222,000 ft., 9,000	16,200	306 92

TAX LIST — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
White, Isaac D., Beacon street.....	$2	$600	House, 8,000; stable, 700; greenhouse, 300; lot, 5½ a., 12,000.....	$21,000	$274 16
White, Joseph, heirs of, Brighton st.			House, 800; house-lot and mowing, 9 a., 14,000	14,800	186 48
White, Warren, heirs of, Heath st...			House, 500; barn, 100; house-lot and tillage, south side Heath street, 17 a., 10,000.....	10,600	133 56
Whiting, Mrs. E. T., Chestnut street,		11,000	House, 6,500; stable, 700; lot, 140,505 ft., 10,500.....	17,700	361 62
Whiting, Mrs. E. T., guardian of Charles H. Whiting.....		1,500	Lot, Gorham avenue, 46,376 ft., 7,000.....	7,000	107 10
Whitney, Henry M., Chestnut street,	2	23,000	Lot, Beacon street, Corey hill, 105,000 ft., 11,000; do., Beacon street, of White, 217,335 ft., 7,500..... ..	18,500	524 90
Whitney, James S., estate of, Pleasant street.....			House, 6,000; stable, 1,200; lot, 66,175 ft., 22,000; lot, Green street, 107,533 ft., 13,500.....	42,700	538 02
Whittemore, Augustus, Carlton st...	2	7,000	House, 6,000; lot, 13,000 ft., 4,500	10,500	227 50
Whyte, Oliver, Babcock street.....	2	6,700	House by self, 6,000; stable, 1,000; lot, 38,254 ft., 6,000; block, 4 houses, Boylston street, 6,000; lot, 5,000 ft., 4,000; block, 6 houses, Walnut street, 9,000; block, 2 houses, corner Washington and Walnut streets, 3,500; lot, 5,000 ft., 3,600; block, 2 houses, Prospect street, 6,000; lot, 6,000 ft., 1,500; block, 2 houses, Harvard street, 7,000; lot, 9,455 ft., 3,700; lots 1, 2, 3, High street, 4, 646 ft., 2,200.....	59,500	836 12
Whyte, Miss Susan G., Goodwin pl.		5,700	House, 1,800; lot, 2,150 ft., 1,000.....	2,800	107 10
Wilder, Mrs. Hannah W., Park street,			House, 5,000: stable, 1,000; carriage-house, 200; lot, 38,040 ft., 8,500.....	14,700	185 22
Wilder, William H., Park street.....	2	2,500			33 50
Williams, Arthur, St. Paul street....	2	3,000	House, 8,000; stable, 1,000; lot, 51,185 ft., 12,500; block, 6 houses, School street, 5,000; lot, 8,254 ft., 2,700.....	29,200	407 72
Williams, Charles A., High street...	2	5,000	House, 2,800; lot, 10,095 ft., 2,500.....	5,300	131 78
Williams, Howard S., estate of, Beacon street			House, 4,500; stable, 500; lot, 4¾ a., 12,000.....	17,000	214 20
Williams, Mary J., Walnut place....		3,000	House, 5,500; stable, 1,000; lot, 3½ a., 15,000.....	21,500	308 70
Williams, Moses, jun., Walnut street,	2	6,000	House, 2,500; stable, 600; cottage, 800; lot, 130,997 ft., 10,500; house, corner Walnut and Boylston streets, 2,000; stable, 500; lot, 46,561 ft., 4,500	21,400	347 24

Wilson, Edward C., Harvard street	2	70,000	House, 12,000; stable, 2,500; do., 1,500; greenhouse, 200; lot, 63,750 ft., 18,000; lot, Harvard street, 37,542 ft., 8,500; lot in rear, 43,677 ft., 4,000; lot, Auburn street, 38,957 ft., 9,000	55,700	1,585 82
Wilson, Edward C., and J. Sawyer, trustees, Harvard street			House-lots, 36 Blaney's plan, east side Babcock street, 221,297 ft., 20,000	20,000	252 00
Wilson, Edward C., and J. Sawyer, trustees, Harvard street			Lots 5, 6, 7, Blaney's plan, 93,902 ft., 11,200; lots 14, 17, 19, 20, do., 139,087 ft., 16,000; lots 22, 24 to 26, and 28 to 31 inclusive, east side Babcock street, 214,181 ft., 23,000; lots 33 and 34, corner Brighton avenue, 60,500 ft., 8,000; lot 35, west side Babcock street, 11⅞ a., 23,000	81,200	1,023 12
Wilson, Mrs. W. S., estate of, High street			House, 1,500; stable, 100; lot, 3⅞ a., 6,000; house, Chestnut place, 1,200; lot, 76,000 ft., 5,500; house, Pearl street, 1,500; lot, $\frac{1}{16}$ a., 600	16,400	206 64
Winch, Mrs. Elizabeth S., Walnut st.			House, 3,000; lot, 6,528 ft., 1,300	4,300	54 18
Winch, William J., Walnut street	2	500			8 30
Winchester, Stephen S., Harvard st.	2	1,000	House, 8,000; lot, 6,796 ft., 2,700	10,700	149 40
Winsor, Alfred, Walnut street	2	1,000			14 60
Winsor, Alfred, estate of		18,000	House, 4,000; stable, 500; lot, 1¼ a., 8,000	12,500	384 30
Winters, Thomas, Heath street	2		House, 100; lot, 12,155 ft., 300	400	7 04
Winthrop, Robert C., Warren street,	2	35,000			443 00
Winthrop, Mrs. Robert C., Warren street		375,000	House, 3,500; farmhouse, 2,000; do., 1,500; stable, 2,000; barn, 1,500; greenhouse, 5,000; house-lot, garden, and mowing, 55 a., 54,000	101,000	5,997 60
Withington, Mrs. Caroline D., Walnut street			House, 1,500; lot, 5,050 ft., 2,200	3,700	46 62
Withington, Moses, Beacon street	2	3,000	House, 3,500; barn, 500; lot, 29,000 ft., 3,000	7,000	128 00
Withington, Moses, trustee for S. J. Withington		1,000			12 60
Withington, Moses, trustee for M. C. Poe, S. J. Withington, and J. C. Withington		5,500			69 30
Wood, Mrs. Annie D., Perry street			Double house, 7,500; lot, 14,250 ft., 3,000	10,500	132 30
Wood, Charles H., Harvard street	2	44,000			556 40
Wood, James, Heath street	2		House, 400; lot, 13,552 ft., 300	700	10 82

TAX LIST — Concluded.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Wood, William, Babcock street	$2			$5,200	$67 52
Wood, William, Perry street	2	$500	House, 500; lot, 13,500; 2,700	7,700	105 32
Wood, William B., Auburn street	2	60,000	House-lot, Summit avenue, 111,053 ft., 9,500	9,500	877 70
Woodward, George B., Babcock st.	2	900	House, 4,000; lot, 19,250 ft., 2,400	6,400	93 98
Woodward, Isaac, Walnut street	2		House, 3,500; lot, 10,000 ft., 3,500	7,000	90 20
Woodward, Mary J., Newton street,			House, 500; lot, ¾a., 500	1,000	12 60
Woodward, Royal, Walnut street	2	1,000	House, 2,300; lot, 2,910 ft., 1,300; shop, 500; do. by Beals, 800; lot, 3,186 ft., 3,200; house by Spalding, 5,000; lot, 4,216 ft., 3,600	16,700	225 02
Worthly, Daniel, estate of, Perry st.		1,000	House, 5,000; lot, 11,437 ft., 2,500	7,500	107 10
Worthly, George H., St. Paul street,	2	500	House, 4,500; lot, 14,861 ft., 3,700	8,200	111 62
Wright, William R., Beacon street	2	400			7 04
Wrightington, Chas. W., Francis st.	2	500	House, 5,500; lot, 16,522 ft., 4,000	9,500	128 00
Young, John D., jun., Prospect st.	2	500			8 30
Young, Mrs., John W., Sewall street,			House, 800; lot, 17,905 ft., 2,000	2,800	35 28
Zecher, John, Heath street	2		House, 400; barn, 100; lot, 1 a., 400	900	13 34

FEMALES PAYING A POLL TAX.

Von Arnim, Albertina, Prescott street.
Bowditch, Sarah R., Tappan street.
Bowditch, Susan H., Tappan street.
Bancroft, Mary C., Cypress street.
Cabot, Mary E., High street.
Candler, Ida G., High street.
Cousens, Sarah E., Brighton avenue.
Cressy, Elizabeth P., Longwood avenue.
Crane, Annie E., High street.
Eager, Harriet E., Summit avenue.
Fuller, Mary S., at Mrs. West's.
Fuller, Eliza W., at Mrs. West's.
Fisher, Cornelia W., Heath street.
Fisher, Elizabeth R., Heath street.
Harris, Kate A., Vernon street.
Harris, Anna W., Vernon street.
Hooper, Florence M., Thayer place.
Kennard, Caroline A., Walnut street.
Stearns, Anna M., Pleasant street.
Stearns, S. Louisa, Boylston street.
Stephenson, Annie B., Walnut place.
Stephenson, Frances G., Walnut place.
Stephenson, Martha C., Walnut place.
Winsor, Linda K., Walnut street.

LIST OF NON-RESIDENTS ASSESSED IN BROOKLINE FOR 1879.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Abbott, John E., Boston			House, 3,500; stable, 1,000; lot, 35,482 ft., 8,000	$12,500	$157 50
Ackers, Misses H. and M., Cambridge,			House, 1,800; lot, 1 a., 2,200	4,000	50 40
Amory, Mrs. Anna S., Boston			House, Powell street, 8,000; stable, 1,500; land, 486,450 ft., 60,000	69,500	875 70
Amory, William, Boston			House, Pleasant street, 5,500; stable, 800; lot, $\frac{1}{4}$ a., 2,000; 7 lots, Ridgway estate, Pleasant street, 65,826 ft., 7,500; lot 30, Ridgway estate, Pleasant street, 14,738 ft., 1,500; lots 4 and 28, Greene street, 56,640 ft., 7,000; lot, Pleasant street, 86,000 ft., 10,000	34,300	432 18
Ayer, Frederick, Lowell			Undivided $\frac{1}{3}$ house, Harvard street, 2,000; $\frac{1}{3}$ stable, 350; $\frac{1}{3}$ barn, 250; $\frac{1}{3}$ land, $3\frac{1}{6}$ a., 11,000	13,600	171 36
Ayer, James C., estate of, Lowell			Undivided $\frac{2}{3}$ house, Harvard street, 4,000; $\frac{2}{3}$ stable, 650; $\frac{2}{3}$ barn, 550; $\frac{2}{3}$ land, $6\frac{1}{3}$ a., 22,000	27,200	342 72
Bacon, Francis E., Boston			House, Clyde street, 1,800; do., 500; barn, 500; do., 500; do., 400; land, 89 a., 32,000	35,700	449 82
Baker, Joseph F., *et al.*, Boston			Lot, corner Harvard and Babcock streets, 60,600 ft., 15,000	15,000	189 00
Baldwin, George P., Boston			House, Cottage street, 3,000; stable, 700; lot, 36,800 ft., 2,000	5,700	71 82
Barker, Benjamin P., administrator,			House, Dudley street, Fairmount, 2,500; lot $\frac{1}{2}$ a., 1,000,	3,500	44 10
Bates, Samuel W., Boston			Land, Fisher avenue, north slope west of railroad, $35\frac{1}{2}$ a., 36,000; land, Tappan street, east of railroad, $3\frac{44}{100}$ a., 6,500; meadow adjoining, $3\frac{89}{100}$ a., 1,200; woodland, Clyde street, 5 a., 2,000	45,700	575 82
Baxter, Lemuel, Boston			Land, west side Brighton street, $1\frac{1}{4}$ a., 2,000; pasture, formerly Fisher, $6\frac{83}{100}$ a., 11,000	13,000	163 00
Beals, Mrs. Mary J., New York			House, Harvard street, 7,000; lot, 18,715 ft., 7,500	14,500	182 70
Belknap, Lyman A., Boston			House-lot, Beacon street, 8,250 feet, 3,500	3,500	44 10
Belknap, Lyman A., and J. H. Lee, Boston			Lot, Beacon street, 18,559 ft., 8,000	8,000	100 80
Bixby, Mrs. E. A. J., Belfast			House, Perry street, 9,000; lot, 14,400 ft., 3,500	12,500	157 50
Bixby, Henry C., Springfield			House, St. Paul street, 8,500; lot, 14,400 ft., 3,600	12,100	152 46

Boston and Albany R.R. Corporation, Boston			Shop, Fay place, 200; car-house, 1,500; shop-lot, $\frac{1}{16}$ a., 800; land at station, 1 a., 25,000; do. at Longwood station, 1 a., 5,000	32,500	409 50
Boston, City of			Land, Boylston street, $1\frac{1}{8}$ a., 2,500; do., do., $\frac{1}{4}$ a., 800	3,300	41 58
Boston Five-cents Savings Bank, Boston			House, formerly Edwards, 4,500; stable, 800; green-house, 300; land, 82,723 ft., 9,000	14,600	183 96
Boston University, Boston			Land, Washington street, 14 a., 38,000; do., Beacon and Tappan streets, $18\frac{7}{16}$ a., 60,000	98,000	1,234 80
Boston Water Power Co., Boston			Land, Brookline avenue, 9,550 ft., 2,000	2,000	25 20
Boubier, H., Toronto, Canada			Lots 34, 35, 50, 51 Goddard avenue, 30,051 ft., 1,000	1,000	12 60
Bradford, Duncan, Boston			Lot, Summit avenue, 54,400 ft., 3,000	3,000	37 80
Briggs, Richard, Boston			House, Hawes street, 4,500; lot, 69,571 ft., 22,000	26,500	333 90
Brigham, William E., Jamaica Plain,			Lot, Davis avenue, 8,563 ft., 3,500; do., Harvard street, 6,704 ft., 2,800	6,300	79 38
Brookline Land Company			House-lots, including High street and Pond avenue, $40\frac{1}{2}$ a., 115,000	115,000	1,449 00
Brown, Atherton T., Boston		$1,000	House, South street, 2,000; stable, 1,200; land, $16\frac{1}{4}$ a., 3,500; swamp, south side Grove street, 6 a., 600; house-lot and mowing, $31\frac{1}{8}$ a., 9,000	16,300	217 98
Brown, Benjamin W. and W. S.			House-lot, Flora street, 10,180 ft., 2,000	2,000	25 20
Bruce, Edward B., Baltimore			House, 3,000; stable, 400; lot, 40,000 ft., 7,500	10,900	137 34
Burkhardt, George F., Boston			Land, Newton street, 31 a., 4,000; do. in rear of saw-mill, 5 a., 700; meadow, south side Heath st., 6 a., 900,	5,600	70 56
Cabot, Follen, Boston			House, High street, by Tappan, 4,500; lot, 20,442 ft., 4,500	9,000	113 40
Carroll, John, Newton			House, 100; lot, Brookline avenue, 3,427 ft., 700	800	10 08
Charter Oak Bank, Hartford			House, Prospect street, 3,000; stable and shop, 300; lot, 4,943 ft., 4,500; house, Prospect street, 2,500; stable, 300; lot, 7,303 ft., 3,800	14,400	181 44
Cheney, Gilman, Montreal			Lot, Shackell's plan, 7,175 ft., 200	200	2 52
Clark, Caroline L., Boston			House, Corey hill, 3,500; stable, 200; lot, $2\frac{3}{8}$ a., 11,500	15,200	191 52
Clark, James W., jun., Chelsea			House, Carlton street, 5,500; lot, 9,000 ft., 3,200	8,700	109 62
Collins, David, Brighton			House, White place, by Rooney, 800; lot, 3,654 ft., 800	1,600	20 16
Cousens, Horace and John E., Brighton			Block, 5 houses, School street, 3,000; lot, 7,676 ft., 3,000; house, Harvard place, 1,400; lot, 2,359 ft., 500	7,900	99 54
Cowan, James H., Boston			Lot, Cowan estate, Clyde street, $2\frac{1}{4}$ a., 96,800 ft., 3,000	3,000	37 80

NAMES AND RESIDENCES.	POLL TAX.	TOTAL, PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Cowan, John D., Australia			Lot, part of Cowan estate, Clyde street, 96,800 ft., 3,000,	$3,000	$37 80
Cowan, Edwin R., unknown			Lot, Clyde street, in rear of J. H. Cowan, 127, 122ft., 3,000	3,000	37 80
Cowan, Thomas B., unknown			Lot, Warren st., next Mary A. Cowan, 132,283 ft., 3,000,	3,000	37 80
Craft, Ebenezer, estate of			Woodland, Reservoir place, 24 a., 9,600	9,600	120 96
Craft, Lucy R., estate of			House, 1,500; stable, 100; lot, 75,000 ft., 15,000	16,600	209 16
Craft, William A., Boston Highlands,			Woodland between Heath and Newton streets, 10 a., 1,000	1,000	12 60
Crowninshield, Harriet S., estate of, Boston			House, Pleasant street, 13,000; stable, 1,500; greenhouse, 500; land, 16 a., 70,000; house, Dummer street, 8,500; stable, 1,000; lot, 86,400 ft., 20,000; lots 1, 2, 3, 4, between Brighton avenue and Dummer street, 59,542 ft., 15,000; lots 19, 21, 25, between Pleasant, Dummer, St. Paul, and Egmont streets, 121,918 ft., 25,000,	154,500	1,946 70
Curtis, Catherine P., West Roxbury,			Woodland, Newton street, 6 a., 1,500	1,500	18 90
Curtis, George S. and J. H., West Roxbury			Woodland, Newton street, 26 a., 2,600	2,600	32 96
Curtis, Nelson, Jamaica Plain			House, Linden place, 2,500; lot, 3,000 ft., 1,000; house, Linden place, 2,500; lot, 3,000 ft., 1,000	7,000	88 20
Dana, Sarah F., Newton			House, Vernon street, 2,000; stable, 500; lot, 10,800 ft., 3,000; house, Monmouth street, 3,500; lot, 18,000 ft., 6,000	15,000	189 00
Davis, George P., Newton			House, Walnut street, by Ritchie, 3,000; lot, 6,000 ft., 1,400; house, Walnut street, by Burgett, 4,000; lot, 9,458 ft., 2,300	10,700	134 82
Davis, Samuel C., Boston Highlands,			Barn, Tappan street, 300; lots, Cypress street, between railroad and Goddard, 238,219 ft., 9,000; lots, south side Tappan street, south by railroad, 67,119 ft., 4,500,	13,800	173 88
De Hautville, Frederick S.			House, Brown street, 10,000; stable, 1,000; lot, 88,145 ft., 18,000; land between Brown, Powell, and Beacon streets, extending to Pleasant street, and intersected by St. Paul street, 11⅓ a., 70,000	99,000	1,247 40

De Wolf, Mary, estate of, Boston			Woodland, Newton street, east by Faulkner, 8 a., 2,400,	2,400	30	24
Dexter, William S., Boston			House, Dummer street, 5,000; stable, 800; lot, 33,264 ft., 9,000	14,800	186	48
Dodge, Solomon H., Boston			Lot, Summit avenue, 113,500 ft., 4,500	4,500	56	70
Donville, Miss L. M., London, Eng.			Lot, Aspinwall avenue, 17,662 ft., 1,800	1,800	22	68
Dow, Stephen, Woburn			House, Corey hill, 2,500; lot, 5 a., 16,000; lot, Summit avenue, 2 a., 8,000	26,500	333	90
Doyle, Horatio N., Boston			Lot 12, Babcock street, 19,850 ft., 2,800	2,800	35	28
Dresser, Jacob A., Boston			Lot 22, Hyde Park, 21,587 ft., 3,000	3,000	37	80
Dupee, Horace, Boston			House, Chestnut street, 6,500; stable, 500; land, 21,800 ft., 3,000	10,000	126	00
Dupee, James A., Boston			Lots 57 to 67, White place, 22,690 ft., 5,500; lot, south side Hartford and Erie Railroad, 1,887 ft., 500	6,000	75	60
Eager, Mary H., Canton			House, School street, 2,000; lot, 7,000 ft., 2,000	4,000	50	40
Edmond, James, Boston			House, Cypress place, 6,000; lot, 15,732 ft., 3,000	9,000	113	40
Edmunds, Mrs. Mary S., Boston			Lot, Summit avenue, 18,554 ft., 1,900	1,900	23	94
Edwards, John F., Menominie, Wis.			Livermore land, Washington street, 10,000 ft., 600; do., 3,000 ft., 200	800	10	08
Ellis, Calvin and Lucy, Boston			House, Boylston street, 10,000; stable, 1,500; lot, 5 a., 13,500	25,000	315	00
Ellis, Charles, California			House, Washington street, by Kingman, 3,500; lot, 5,155 ft., 3,200	6,700	84	42
Emigrant Savings Bank, Boston			House, Harrison place, 3,800; stable, 400; lot, 10,700 ft., 3,300	7,500	94	50
Evans, Ransom F., Boston			House, Washington street, 2,500; 2 barns, 1,000; greenhouse, 200; lot, 4⅝ a., 10,000	13,700	172	62
Everett, Percival L., trustee, Boston,			House-lot, Goddard avenue, between Raymond and Weld, 158,971 ft., 2,800	2,800	35	28
Farnsworth, Walter, Boston			House, High street, 4,500; stable, 600; lot, 112,242 ft., 19,000½	24,100	303	66
Faulkner, Charles, Boston			House, Newton street, 1,000; barn, 1,400; house by Murray, 600; carriage-house, 800; land, 56 a., 2,000	23,800	318	78
Fegan, William, Newton			House, Heath street, 400; lot, 28,408 ft., 1,000	1,400	17	64
Finneran, William, Boston			House, Brookline avenue, 800; lot, 3,400 ft., 600	1,400	17	64
Fiske, Andrew, Weston			House, Summit avenue, 4,500; stable, 500; lot, 64,286 ft., 5,500	10,500	132	40
Flagg, Sumner, Boston			House-lot 55, Irving street, 17,660 ft., 4,000	4,000	50	30
Follen, Charles, estate of, Boston			House, White place, 1,300; do., do., 900; house-lot, 5,670 ft., 1,500	3,700	46	62

TAX LIST — NON-RESIDENTS — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Foulkes, Henry G., Boston			Lots 9, 10, Shackell's plan, 15,980 ft., 600	$600	$7 56
Francis, Ebenezer, estate of, Boston,			Land, south side Brighton avenue, 6 a., 16,000; meadow, do., 5 a., 5,000	21,000	264 60
French, Mrs. Eliza S., Boston			Lot, Summit avenue, 31,156 ft., 3,000	3,000	37 80
Fuller, Mrs. James G., Providence			Lot, Sewall street, 1,320 ft., 300	300	3 78
Gaffield, Thomas, Boston			House, Heath street, 500; barn, 500; house by Townsend, 300; farm-land, south side Heath street, 59 a., 19,000; lot, west side Heath street, 7 a., 5,600; lot, west side Heath street, 2 a., 1,600; do., south side Boylston street, 3⅜ a., 3,000; woodland, Hammond street, 4½ a., 600; do., do., Craft lot, 5¼ a., 700; do., do., of George Griggs, ¾ a., 200	32,000	403 20
Gallup, Mrs. Susan H., Boston Highlands			Woodland between Heath and Newton streets, 16 a., 2,000	2,000	25 20
Goddard, Benjamin, Mattapoisett			Undivided ½ lot, Boylston street, 3⅛ a., 9,000	9,000	113 40
Goddard, Nathaniel and Benjamin, Mattapoisett			Undivided ½ lot, 6½ a., Boylston street, 3⅛ a., 9,000; lots, Bradley hill, Boylston street, 5½ a., 16,500	25,500	321 30
Godven, John, Jamaica Plain			House, Kerrigan place, 800; lot, 2,437 ft., 400	1,200	15 12
Goodnough, Charles E., Boston			Meadow and wood, Newton street, west side, 29½ a., 5,600	5,600	70 56
Gould, Lucretia D., estate of			House-lot, corner St. Mary's and Beacon streets, 15,650 ft., 4,700	4,700	59 22
Gray, William, Boston			House by Cabot, 16,000; stable, 2,500; shed, 200; lot, 16⅞ a., 30,000	48,700	613 62
Greene, Nathaniel G., Boston			Lot, Summit avenue, 153,775 ft., 10,000	10,000	126 00
Halberg, Nicholas, Boston			Lot, Shackell's plan, 7,500 ft., 300	300	3 78
Hall, Isaac P., Cambridge			House, Harvard street, by Munroe, 4,500; lot, 16,350 ft., 4,300	8,800	110 88
Hall, Theodore P., Boston Highlands,			House, Washington street, 900; lot, 10,000 ft., 4,500	5,400	68 04
Hancock, Catherine D., Boston			Marsh, Brookline avenue, 10,971 ft., 1,500	1,500	18 90

Harback, Nath'l R., Newton Centre,			Land, Reservoir place, 2, a., 500	500	6	30
Harmon, Ruth L., Boston			House, Harvard street, 9,000; stable, 1,500; lot, 50,368 ft., 12,500	23,000	289	80
Harrington, Herbert A., Boston			Lot 59, Shackell's plan, 9,643 ft., 300	300	3	78
Harris, Sarah J., Boston			Lot 171, Shackell's plan, 10,105 ft., 400	400	5	04
Hart, Rowland S., Boston			6 houses, Sewall place, 1,800; lots, do., 11,397 ft., 1,300; 3 houses, formerly Colgate, 900; lots, 6,003 ft., 700; 4 houses, formerly Bosson, 1,200; lots, 7,040 ft., 800; house, formerly Elliot, 300; lot, 2,257 ft., 200; house, formerly Drohen, 400; lot, 1,760 ft., 200; 7 lots, 13,315 ft., 1,400	9,200	115	92
Hart, T. N., and F. B. Taylor, Boston,			Lots 1, 2, 3, 4, 5, Brookline Land Company, 76,137 ft., 12,000; lot 8, Edge-hill road, 18,597 ft., 4,300	16,300	205	38
Hartt, John, trustee, Boston			Woodland, Newton street, 6½ a., 1,000	1,000	12	60
Harvey, Bernard, East Boston			Lot, Freeman street, 12,329 ft., 1,500	1,500	18	90
Hentz, Josiah G., Boston Highlands			House-lots, Shackell's plan, 50,535 ft., 1,500	1,500	18	90
Hingham Savings Bank, Hingham			House, Monmouth street, 4,000; lot, 18,000 ft., 7,000	11,000	138	60
Homans, Isaac S., Englewood, N.J.			House-lot, Beacon street, near Brighton, 1¼ a., 2,500	2,500	31	50
Hook, Adeline L., Boston			House, Newton street, 1,800; stable, 400; new house, 5,500; land 16½ a., 9,000	16,700	210	42
Hooper, Edward W., Cambridge			House, Cottage st., 3,500; stable, 800; lot, 2½ a., 4,500	8,800	110	83
House of the Good Shepherd			Block, 4 houses, Brookline av., 1,500; lot, 6,825 ft., 1,700,	3,200	40	32
Howard, Daniel, jun., Jamaica Plain,			Land, south side Newton street, 12 a., 3,600	3,600	45	36
Howe, Estes, Cambridge			House, Gorham avenue, 5,500; lot, 18,500 ft., 3,600; lot, Gorham avenue, east side, 29,524 ft., 5,400; lot, Gorham avenue, west side, 47,404 ft., 6,800	21,300	268	38
Howe, Thomas, Nahant			House, Linden place, 7,500; stable, 1,000; lot, 1¼ a., 12,000; cottage on marsh, 500; do., do., 500; land, marsh and upland, 2 a., 10,000; house, Auburn street, 22,000; stable, 5,000; lot, 59,916 ft., 13,000; lot, Harvard street, 70,000 ft., 24,000; lot, Vernon street, 68,000 ft., 15,000	110,500	1,392	30
Hunt, David, Boston			House, Monmouth street, 5,500; lot, 19,500 ft., 7,500	13,000	163	80
Ingersoll, Charles D., Boston			Lot, Livermore land, 6,000 ft., 300	300	3	78
James, Harvey, Newton			House, Cypress street, 7,500; lot, 4,527 ft., 1,200	8,700	109	62
James, Nathaniel N., Newton			House, Waverly place, 4,500; lot, 3,797 ft., 800	5,300	66	78
Jenkins, Sarah, Wollaston Heights			House, Harvard street, 1,200; lot, 5,242 ft., 2,300	3,500	44	10
Johnson, John, Boston Highlands			House, Beacon st., 5,000; lot, 35,513 ft., 6,000; stable, 500,	11,500	144	90

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Jordan, Eben D., and Charles Marsh, Boston			Farmhouse, Washington street, 1,200; barn, 800; lots, Washington street and Summit avenue, 1,035,151 ft., 44,000; lots adjoining 8 Beacon street, 11 a., 487,273 ft., 25,000; lot, Summit avenue, 12,300 ft., 1,000; lot, Winchester street, 7 a., 302,383 ft., 20,000	$92,000	$1,159 20
Keegan, John, Brighton avenue			Lot 21, Ridgway estate, 8,987 ft., 1,000	1,000	12 60
Kelly, Patrick, Boston			Lot, Walter avenue, 3,600 ft., 700	700	8 82
Kettell, John B., Roxbury			House, Boylston street, 2,000; lot, 3,000 ft., 800	2,800	35 28
Kingman, John W., heirs of, Brockton			House, Washington street, 2,200; lot, 2,700 ft., 2,000	4,200	52 92
Knowles, William, Newton			House, Heath street, 300; house, Heath street, 600; lot, 11,300 ft., 300	1,200	15 12
Langmaid, Samuel P., Boston			House, Second street, by Bronson, 4,000; lot, 6,000 ft., 1,200	5,200	65 52
Lawless, John, Boston			Lot, Walter avenue, 3,600 ft., 800	800	10 08
Lawrence, Mrs. William, Lawrence			House, Carlton street, 5,500; lot 14,260 ft., 5,100	10,600	133 56
Lee, Henry, Boston			House, Boylston street, 12,000; stable, 4,000; lot, 3⅝ a., 8,000; house, Catlin street, 3,500; stable, 500; lot, 1¾ a., 4,500; land, Chestnut hill, 15½ a., 9,000; do., between Heath and Newton streets, 5 a., 600	42,100	530 46
Lee, Henry, heirs of, Boston			House, Boylston street, by Sturgis, 4,500; stable, 1,200; cottage, Catlin street, 500; land, 4 a., 9,000	15,200	191 52
Locke, Horatio, Boston			House, Newton street, 2,000; stable, 500; lot, 2 a., 1,500,	4,000	50 40
Loring, Joshua, Boston			House, Brighton st., 3,500; stable, 300; lot, 2 a., 2,500	6,300	79 38
Lovell, John P., Boston			Lot, Francis street, 22,200 ft., 4,000	4,000	50 40
Lovett, Joshua, Boston			4 lots in Linden place, 4,115 ft., 1,000	1,000	12 60
Lowe, Abraham T., Boston			House, Harvard street, by Mrs. West, 8,000; lot, 26,527 ft., 18,000	26,000	327 60
Lowell, John, Newton			Land, Boylston street, 7 a., 2,500; do., Boylston and Hammond streets, 5 a., 2,500	5,000	63 00
Mains, Robert, Framingham			House, Reservoir place, 300; lot, 4,456 ft., 200	500	6 30

Mansfield, J. K. F., heirs of			Lot, corner Park and Marion streets, 12,920 ft., 2,600		2,600	32	76
Martin, Stephen C., Boston Highlands			Stable, Park street, 4,000; cottage, do., 1,000; lot, 68,295 ft., 10,500		15,500	195	30
Mason, Augustus, Brighton			Land, Washington street, near Brighton, 9¾ a., 14,000		14,000	176	40
Mason, Sarah B.			Land, north side Summit avenue, 2 a., 4,500		4,500	56	70
McCarty, Mary, Boston			Lot, Brookline avenue, 6,845 ft., 1,300		1,300	16	38
McDermot, James			Lot, Walter avenue, 3,600 ft., 800		800	10	08
McKenzie, Charles S., Norwood			House, Juniper street, 1,200; lot, 3,600 ft., 800		2,000	25	20
McKinney, James, estate of, Brighton			Lot, Livermore land, 11,000 ft., 500		500	6	30
McNulty, Edward, Dorchester			Lot, Boylston street, near Hammond st., 11,066 ft., 500		500	6	30
Mealy, Patrick, Milton			House, Kerrigan place, 1,000; lot, 2,479 ft., 400		1,400	17	64
Merrill Brothers, Boston			Lot, Livermore land, 70,006 ft., 3,000		3,000	37	80
Mildon, Honora			House, Walter avenue, 2,100; lot, 4,162 ft., 900		3,000	37	80
Mohr, John, Newton			House, Heath street, 100; lot, 3½ a., 800		900	11	34
Morss, Charles A., Boston			Double house, Elm place, 2,500; lot, 11,518 ft., 6,000		8,500	107	10
Morton, Francis F., and W. P. Chesley, Boston			Brick block, corner Harvard and School streets, 12,000; lot, 7,000 ft., 4,000		16,000	201	60
Mulford, Aaron D., Boston			Woodland, Newton street, 8 a., 800		800	10	08
Mulligan, Martin F. & J., Boston			Lot, Walter avenue, 4,280 ft., 900		900	11	34
Munroe, Peter G., Boston			Lot, Marion street, 33,100 ft., 3,000		3,000	37	80
Murnan, Edward, Boston			House, Juniper street, 1,800; lot, 3,600 ft., 800		2,600	32	76
Murphy, Francis P., Boston Highlands			House, Ridgway street, 1,700; do., do., 1,700; lot, 7,051 ft., 1,000; do., 16,262 ft., 2,000		6,400	80	64
Nagles, Mary, Boston Highlands			Lot, Walter avenue, 3,600 ft., 800		800	10	08
New England Mutual Life Insurance Company, Boston			House, Washington street, 1,500; stable, 300; lot, 36,365 ft., 9,000		10,800	136	08
Nichols, George B., Boston			Land, Boylston street, 18½ a., 9,000		9,000	113	40
Nichols, Richard C., Boston			House, Brighton street, 2,500; stable, 300; lot, 3½ a., 6,000		8,800	110	88
Norcross, Mary C., heirs, Boston			Undivided ⅘ of 3 a., Heath street, 2⅖ a., 1,600; do. ⅘ of 48½ a., Heath street, 38⅘ a., 9,000		10,600	133	56
Norcross, Otis, Boston			Undivided ⅙ of 3 a., Heath street, ⅖ a., 400; do. ⅕ of 48½ a., Heath street, 9 7/10 a., 2,200		2,600	32	76

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Northend, Enoch T., & Moody, Boston			Lot, Beacon street, 69,476 ft., 17,000	$17,000	$214 20
Noyes, Mrs. Helen McGregor, Wilmington			House, Kent street, 4,500; lot, 31,571 ft., 7,000	11,500	144 90
Paul, Joseph F., & Co., Boston			House, Linden place, 8,500; stable, 500; lot, 12,000 ft., 3,200	12,200	153 72
Perkins, Charles C., Boston			Woodland, Chestnut street, 5 a., 10,000	10,000	126 00
Porteus & McEwen, Portland			Lots, Shackell's plan, 37,387 ft., 1,100; do., do., 14,628 ft., 400	1,500	18 90
Pratt, Samuel F., Newport			Lot, Linden place, next Bishop, 14,740 ft., 3,600	3,600	45 36
Proctor, T. P., trustee, Boston			House, Winchester street, by Greenough, 4,000; stable, 700; lot, 32,000 ft., 6,400	11,100	139 86
Ray, Mary Jane			House, Brighton street, by Watson, 300; lot, 29,296 ft., 1,000	1,300	16 38
Read, Emeline H., Chelsea			House, Elm place, 3,000; shop, 500; lot, 4,744 ft., 1,800	5,300	66 78
Reed, Charles T., Boston			Lot, Shackell's plan, 9,657 ft., 400	400	5 04
Richardson, Gedney K., Boston			Lot, High street, 29,817 ft., 7,500	7,500	94 50
Ridgway, S. S., estate of, Boston			Lot, Pleasant street, 22,393 ft., do. in rear, 7,218 ft., 3,200,	3,200	40 32
Rives, Mrs. William C., Boston			House, Freeman street, 10,000; stable, 1,000; lot, Freeman, Thacher, Pleasant, and St. Paul streets, 189,605 ft., 32,000; lots 46, 47, between Freeman and Eustis streets, 38,861 ft., 9,000; lot between Eustis and Lincoln streets, 17,970 ft., 4,500; house by Lincoln, 9,000; stable, 1,200; lot, 44,919 ft., 11,000; house-lots, Still, Freeman, and St. Paul streets, and Winthrop square, 30,830 ft., 6,500	84,200	1,060 92
Robertson, James J., Boston			House-lot, High street, 1,922 ft., 900	900	11 34
Robinson, James S., Jamaica Plain			Lot, Avon street, 102,502 ft., 2,000	2,000	25 20
Rowe, Benjamin S., Boston			Lot, Shackell's plan, 4,430 ft., 400	400	5 04
Russell, Daniel W., Hyde Park			House, Washington street, 7,500; stable, 1,500; greenhouse, 300; lot, 20,000 ft., 5,000; do., Cypress street, 11,247 ft., 2,300; do., of Storking, 10,800 ft., 2,200; do.,		

			of Sturtevant, 19,362 ft., 4,000; do., Gorham avenue, 8,750 ft., 1,700; do., Park street, 59,023 ft., 7,500	32,000	403 20
Ruggles, Stephen P., Boston			Land, Cottage street, 106,808 ft., 4,500	4,500	56 70
Saltonstall, Leverett, Boston			Land, Chestnut hill, 3 a., 1,500	1,500	18 90
Sanford, Estes H., Worcester			½ lot Livermore land, 7,500 ft., 400	400	5 04
Sanford, Horatio G., Gloucester			Lot, Webster street, 19,834 ft., 4,000	4,000	50 40
Sawyer, Nathan, Boston			House, Park street, 2,500; stable, 500; lot, 40,000 ft., 6,000,	9,000	113 40
Sayles, Henry, Boston			House, High street, 5,500; lot 52, 182,275 ft., 40,000; lot 60, 51,938 ft., 6,000	51,500	648 90
Schlessinger, Sebastian B., Boston			House, Clyde street, 4,500; stable, 1,000; house by Hussey, 2,500; land, 12¼ a., 7,000; land, Clyde street, formerly Miskell, 2¼ a., 1,500	16,500	207 90
Schraubstadtter, Carl, St. Louis			House, Prospect street, 2,000; lot, ⅛ a., 2,500	4,500	56 70
Sears, David, estate of, Boston			House, Kent street, by Cotton, 22,000; stable, 3,000; lot, 256,736 ft., 90,000; lots 71, 72, 73, Borland, Hawes, and Chatham streets, 66,066 ft., 24,000; lots 74, 75, 76, Beacon and Monmouth streets, 72,677 ft., 28,000; lot, Dudley street, next Blaney, 14,271 ft., 6,000; house, Colchester street, 6,000; lot, 34,623 ft., 12,000; cottage, Colchester street, 500; lot, 34,586 ft., 12,000; house, Hawes street, 6,000; lot, 34,548 ft., 13,000; lot, across railroad, by Blaisdell, 1,500; shop, 400; lot, 1 a., 4,000; house-lot, Monmouth street, 5,760 ft., 2,000; lots 37 to 45, St. Paul, Ewe, Dymoke, and Freeman streets, 71,260 ft., 12,000	242,400	3,054 24
Sears, David, *et. al.*, trustees, Boston,			Brick block, 4 houses, Hawes street, house by Parker, 5,500; do. Meredith, 4,500; do. Boit, 4,500; do. Stone, 4,800; lot, 51,198 ft., 20,000; house-lot, Ridgway estate, Pleasant street, 7,506 ft., 900	40,200	506 52
Sears, David, Emily E., and Henry F.			Lot, Colchester street, front of church-lot, 68,200 ft., 22,000	22,000	227 20
Sears, Frederick R., Boston			House, Essex Street, 18,000; stable, 1,500; carriage-house, 300; lot, 10 a., 90,000; house, corner Essex street and Brighton avenue, 9,000; lot, 102,240 ft., 28,000; house-lots 9 and 10, St. Paul street and Brighton avenue, 87,552 ft., 15,000; house-lots 11 to 16 inclusive, Brighton avenue marsh, 172,800 ft., 2,000; lots 38 to 44 inclusive, between Essex, Freeman, and Dymoke streets, 198,800 ft., 15,000	178,800	2,252 88

TAX LIST — NON-RESIDENTS — CONTINUED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Sears, Frederick R. and Knyvet W., Boston			House, Egmont street, 5,000; stable, 1,000; lot, 131,312 ft., 26,000	$32,000	$403 20
Sears, Knyvet W., Boston			House, Kent street, by Dane, 15,000; stable, 1,000; land on Kent and Beacon streets and Sewall avenue, 308,740 ft., 72,000; lots 54 to 59, Brown, Powell, Freeman, and St. Paul streets, 124,703 ft., 20,000; lots 31 to 35, St. Paul, Egmont, Dymoke, and Thacher streets, 127,250 ft., 20,000; house, Egmont street, 5,500; stable, 1,200; barn, 500; lots 26 to 30, St. Paul, Dummer, Dymoke, and Egmont streets, 124,705 ft., 16,000	151,200	1,905 12
Seaver, Edward and William, jun., Boston			Lots, Cypress street and Davis avenue, 52,612 ft, 11,000,	11,000	138 60
Selfridge, Thomas O.			House, Harvard street, 4,500; stable, 400; lot, 21,931 ft., 5,500	10,400	131 04
Shackell, Samuel, *et. al.*, trustees			Land near Walnut hills cemetery, 30 a., 10,500	10,500	132 30
Shepherd, John S., New York			House, Harvard street, 3,000; lot, 27,975 ft., 8,000	11,000	138 60
Smith, Fanny A., Westborough			House, Holden street, 3,000; lot, 6,496 ft., 2,800	5,800	73 08
Smith, Lucy J., Westborough			House, Washington street, 3,500; lot, 5,711 ft., 5,000	8,500	107 10
Snow, T. W., estate of, W. Roxbury,			House, Newton street, 400; do., 200; barn, 100; lot, 2¼ a., 1,900; lot, Newton street, east by town line, 5 a., 3,500,	6,100	76 84
Sprague, Henry H., Boston			House, Francis street, 3,000; lot, 16,888 ft., 3,200	6,200	78 12
Springer, Enos O.			Lot, Newton-street sawmill woods, 2⅜ a., 600	600	7 56
Standish, Mrs. Sarah, Boston			House, Francis street, 6,000; stable, 500; lot, 15,993 ft., 3,300	9,800	133 48
Stockton, Howard, and F. E. Bacon, Boston			Swamp and woodland, rear Clyde street, 28 a., 2,800	2,800	35 28
Stockton, Mary, and S. Derby, Boston			Lot, Beacon street, 19,275 ft. wet land	2,500	31 50
Stone, Daniel			House, School street, 3,200; lot, 3,500 ft., 1,200	4,400	55 40
Suffolk Savings Bank, Boston			House, Perry street, 6,000; stable, 1,000; lot, 26,487 ft., 5,300	12,300	154 98
Symonds, James L., Boston			Hotel, Beacon street, 3,500; stable, 700; hall, 1,000; small house, 800; greenhouse, 200; lot, 75,995 ft., 4,000,	10,200	128 52

Thayer, Elijah H., Boston			Lot, Winchester street, 44,510 ft., 3,000	3,000	37 80
Tilden, George T., Boston			House, Corey hill, 2,700; lot, 51,25 ft., 600; lot, corner Summit avenue and Prospect street, 7,400 ft., 1,000	4,300	54 18
Tobey, J. W., Boston			Lot, Linden place, next Paul, 6,000 ft., 1,600	1,600	20 16
Trull, Mrs. M. A., Concord			Lot, Aspinwall avenue, 14,381 ft., 1,500	1,500	18 90
Trull, Washington B., Concord			House, Harvard avenue, 6,000; do., 4,500; lot, 12,000 ft., 5,400	15,900	200 34
Union Institution for Savings, Boston,			House, Pearl street, by Murray, 1,000; do. by Hays, 400; stable, 400; lot, 6,678 ft., 2,700	4,500	56 70
Walker, Samuel A., Boston			Lyceum hall, Washington street, 4,000; stable, 400; house and store lot, 7,000 (¼ a.); rear land, 2,719 ft., 700	12,100	152 46
Ward, Patrick W., West Roxbury			House, Avon street, 500; barn, 100; lot, 1 a., 700	1,300	16 38
Warren, Walter, Worcester			House, Walnut street, by Goddard, 6,000; do. by Dews, 6,000; lots, 3,913 ft., 1,400	13,400	168 84
Way, Charles G., Boston			Stable, Longwood avenue, 3,000; lot, 17,500 ft., 4,500	7,500	94 50
Weld, Aaron D., West Roxbury			Lot between South street, Craft, and town line, 50 a., 7,500; woodland do., 10 a., 2,000; do. between cemetery and Craft, 12 a., 2,400; do., South street in rear, 4 a., 600	12,500	157 50
Weld, Joseph M., West Roxbury			Woodland, Heath street, 5 a., 700	700	8 82
Weld, William F., Philadelphia			House, Avon street, 6,000; stable, 1,000; lot, 15 a., 12,000,	19,500	245 70
Weld, William G., Boston			Lot, Goddard avenue, 2 a., 3,000	3,000	37 80
Welteh, Henry, Boston			Lot, Shackell's plan, 9,307 ft., 300	300	3 78
Wentworth, Joseph, Concord, N.H.			Lot, Cypress street, ⅛ estate M. Jones, 2¼ a., 15,500	15,500	195 30
Weston, Mrs. Nathan, Dorchester			Lot, Summit avenue, 1 a., 2,300; Livermore land, ½ a., 800	3,100	39 06
White, Joseph H., Boston			House, Boylston street, 5,000; farmhouse, 800; stable, 1,500; barn, 800; shed, 200; fruit-house, 500; greenhouse, 2,500; house-lot, garden, and mowing, 54¼ a., 90,000	101,300	1,276 38
Whiting, William, estate of, Boston,			Land, Avon street, 5 a., 3,500	3,500	44 10
Wild, Edward A.			Livermore land, 5,530 ft., 500	500	6 30
Wild, Walter H., Chelsea			Land, Marion street, 45,588 ft., 3,300	3,300	41 58
Williams, Harold, Boston			House, Reservoir pl., 1,600; land, 7 a., 6,000; barn, 900,	8,500	107 10
Williams, John J.			House, Harvard street, 3,500; stable, 300; lot, 57,817 ft., 18,000; house, Harvard street, 3,500; stable, 300; lot, 26,963 ft., 12,000	37,600	473 76

TAX LIST — NON-RESIDENTS — CONCLUDED.

NAMES AND RESIDENCES.	POLL TAX.	TOTAL PER. EST.	DESCRIPTION OF REAL ESTATE.	TOTAL REAL EST.	TOTAL TAX.
Willis, Clement, Boston			House, Marion street, 4,000; stable, 200; lot, 21,434 ft., 3,800	$8,000	$100 80
Wood, Albert F.			House, White place, 700; lot, 1,900 ft., 600	1,300	16 38
Wright, Ebenezer, Boston			Hotel Kempsford, 13,000; Hotel Adelaide, 15,000; dwelling-house, 6,000; lots, Walnut street, 12,665 ft., 6,000; house-lots on Irving, Walnut, and Harvey streets, Nos. 13 to 24 inclusive, 30,203 ft., 10,500; Wright's plan, land, Boylston street, $7\frac{7}{8}$ a., 6,400	56,900	716 94
Wright, Ebenezer, trustee for George W. Wright *et al.*			Lots, easterly side Harvey street, 56 to 63 inclusive, 30,378 ft., 10,500; lots, west side Harvey street; lots 28, 29, 30, south side Harvey street, 7,996 ft.; barn on Boylston street, 500; land, $17\frac{1}{8}$ a., 6,500	17,500	220 50
Wright, Ebenezer, trustee for E. F. Wright *et al.*			House, 5,000; lots 45 to 55, corner Harvey street, 26,575 ft., 6,500; land, Boylston street, $11\frac{3}{8}$ a., 6,500	18,000	226 80
Wright, Ebenezer, trustee for Mary E. Wright *et al.*			Lots 38 to 44 inclusive on High street, and 64 to 68 inclusive on Walnut street, 29,298 ft.; lot, Village lane, 581 ft.; lot 25, Irving street, 4,634 ft.; 34,513 ft. in all, 10,500; house, Boylston street, 2,000; stable, 500; land, Binney's plan, 164,915 ft., 4,000	17,000	214 20
Wright, Ebenezer and John H., and George H. Fabyan, trustees for John H. Wright *et al.*			Lots 1 to 11 inclusive, Irving and Harvey streets, 27,475 ft., 10,500; house, Reservoir place, 2,500; stable, 500; lot, $3\frac{1}{2}$ a., 1,600; land between Boylston street and Reservoir place, $2\frac{1}{2}$ a., 2,000	17,100	215 46
Wright, Misses Mary E. and E. T., Boston			Stable, 1,000; carriage-house, 500; lots on Akron place, Wright estate, 14,963 ft., 4,500	6,000	75 60
Wrightington, Benjamin F.			Lot, Francis street, 18,645 ft., 4,000	4,000	50 40

ASSESSORS' ANNUAL REPORT.

In presenting their annual report, the Assessors would respectfully state, that they have endeavored to discharge their duties with strict regard to the rules prescribed by the statutes, and in accordance with the vote of the town, whereby those duties have been increased to an onerous extent without any compensation for the increased labor. The usual routine of visitation, by which the number and names of the tax-payers and the condition of the real property are ascertained and all the elements of valuation and the statistical information required by the statutes obtained, has been thoroughly performed. The daily sessions of the board in their labors of making up the full tax list in the large tax book, and in hearing applications for abatements, were continued far into the summer; and regular weekly sessions for the hearing of complaints, with occasional special sessions, have been held throughout the year. In view of the amount of the appropriation for the pay of the Assessors, this work would seem to be arduous and important enough of itself, without the addition thereto of any thing beyond the line of their legal duties; yet they have been required to prepare the tax list for publication, and to examine the corporation returns at the State House (all of which have been hitherto considered as outside of their legal duties, and paid for as extra clerical work), without compensation. They would respectfully suggest that these extra services be rec-

ognized as such, and provided for by adequate appropriations.

The Assessors are happy to be able to state, that, in their judgment, the shrinkage of values, which has been in progress for several years, has reached its lowest point; and that hereafter a steady increase in the resources of the town may be reasonably expected.

The reduction in valuation of real estate from the previous year is $541,600. The increase in personal estate for the same period is $449,100, showing a decrease in the total of $92,500 only.

Appended is a condensed statement of the taxation of the town, with a table of expenditures, debt, valuation, and rate of taxation extended to the present time.

WM. LINCOLN,
J. ANSON GUILD,
WILLIAM D. COOLIDGE,
Assessors.

BROOKLINE, Feb. 16, 1880.

CONDENSED STATEMENT

OF THE TAXATION OF THE TOWN OF BROOKLINE FOR THE YEAR 1879.

Amount voted by the town for general purposes		$349,400 50
State tax		7,905 00
County tax		20,755 38
		$378,060 88
Less amount in treasury	$25,898 09	
Less estimated receipts	45,000 00	
Borrowed to make Brook Street	20,887 75	
		91,785 84
		$286,275 04
Overlay		1,028 84
Amount to be raised		$287,303 88
Valuation of personal estate	$9,015,700 00	
Valuation of real estate	13,478,100 00	
		$22,493,800 00
Amount assessed on same at the rate of twelve dollars and sixty cents per thousand	$283,421 88	
Amount assessed on nineteen hundred and forty-one polls, at two dollars each	3,882 00	
		$287,303 88
Additional polls, ten . . tax on do.	$20 00	
Additional real estate, $9,700, "	123 48	
Additional personal estate, $7,100, "	89 46	
		$232 94
Amount received from the State, tax of corporation stocks owned by residents of Brookline	$28,222 92	
Amount received from tax on bank stock of national banks	10,529 45	
		$38,752 37
Abatements in 1879 on real and personal estate	$1,129 18	
Abatements in 1879 on one hundred and thirty-three polls	266 00	
		$1,395 18

TABLE OF VALUATION, EXPENDITURES, RATE OF TAXATION, AND DEBT OF THE TOWN OF BROOKLINE, FROM FEB. 1, 1847, TO FEB. 1, 1880, INCLUSIVE.

DATE.	Expenditures for the Year ending Feb. 1.	Debt, Feb. 1.	Total Valuation, May 1.	Rate of Tax on $1,000.
1847	$9,335 14	$2,156 43	$3,909,200 00	$2 30
1848	10,189 22	6,333 68	4,708,800 00	1 85
1849	10,570 06	6,163 76	5,385,600 00	2 00
1850	10,977 41	5,163 76	5,382,000 00	2 10
1851	12,956 13	3,163 76	5,945,600 00	2 30
1852	28,653 14	13,163 76	6,419,320 00	2 50
1853	21,626 55	12,500 00	7,185,600 00	2 50
1854	22,417 54	15,160 40	8,414,170 00	3 80
1855	59,284 29	43,500 00	8,776,500 00	4 50
1856	47,432 06	41,500 00	9,302,000 00	3 90
1857	52,869 03	50,500 00	9,569,300 00	5 30
1858	71,361 71	61,700 00	9,217,300 00	5 00
1859	48,827 25	57,700 00	10,320,900 00	5 80
1860	66,709 96	60,200 00	10,799,800 00	5 50
1861	61,665 54	53,200 00	10,910,100 00	6 50
1862	62,807 54	48,200 00	10,702,600 00	6 20
1863	122,362 22	88,200 00	11,005,200 00	10 00
1864	182,143 03	101,905 96	9,667,800 00	10 00
1865	163,548 75	124,655 96	10,185,800 00	10 00
1866	164,645 57	104,405 96	10,175,800 00	10 00
1867	129,007 02	77,655 96	13,801,200 00	8 00
1868	151,894 97	79,205 96	14,870,700 00	6 20
1869	175,856 11	98,505 96	16,313,700 00	9 00
1870	242,084 91	155,405 96	18,948,300 00	7 50
1871	317,087 83	245,800 00	20,879,700 00	9 70
1872	473,843 18	473,800 00	29,413,914 00	8 70
1873	453,660 31	581,800 00	28,476,000 00	11 50
1874	591,360 49	816,704 16	27,940,200 00	11 50
1875	*985,605 65	1,346,958 00	27,809,100 00	11 60
1876	*569,192 86	1,395,350 00	27,497,000 00	12 20
1877	*389,455 91	1,368,350 00	24,968,690 00	12 50
1878	*†502,451 52	1,468,350 00	24,944,000 00	12 50
1879	*†436,463 37	1,444,350 00	22,586,300 00	12 10
1880	*434,882 79	1,451,350 00	22,493,900 00	12 60

* Of which, for water in 1875, $391,547.48; debt, $400,000. 1876, $82,777.52; debt, $475,000. 1877, $16,576.22; debt, $500,000. 1878, $10,270.51; debt, $500,000. 1879, $9,314.99. 1880, debt, $543,000.

† For sewers in 1878, $140,232.35; debt, $125,000. 1879, $19,963.79.

TOWN MEETING WARRANT.

Commonwealth of Massachusetts.

Norfolk, ss.

To either of the Constables of the Town of Brookline Greeting:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the Town of Brookline, qualified to vote in elections, to meet at the Town Hall, in said Town, on Tuesday, the Thirtieth day of March current, at one of the clock in the afternoon, for the following purposes: to wit, —

First, — To choose a Moderator.

Second, — To choose the usual Town Officers for the ensuing year.

Third, — To accept Chapter 185 of the Acts of the year 1875, being an Act entitled "An Act for the laying out of Public Parks in or near the City of Boston," and to elect Park Commissioners under that Act.

Fourth, — To see if the Town will authorize the Selectmen to purchase from John Zecher, for a gravel-pit, a tract of land in Newton, containing about 19,490 square feet, as shown upon a plan on file in the office of the Selectmen, at the price of two hundred and fifty dollars.

Fifth, — To see if the Town will provide six additional street-lamps upon High Street.

Sixth, — To see if the Town will appropriate the sum of one hundred and fifty dollars ($150) to lay three street-crossings, — one across Chestnut Street at the foot of High Street, one across Sewall Street running parallel with Chestnut Street, and one across Cypress Street at Chestnut Street.

Seventh, — To see if the Town will fix the pay of its laborers at one dollar and seventy-five cents ($1.75) per diem, for the year commencing March 31, 1880, and ending March 31, 1881.

Eighth, — To see if the Town will appropriate the sum of two hundred dollars ($200) to lay a plank sidewalk on Chestnut Street, from the foot of High Street to Cypress Street.

Ninth, — To hear and act upon the Reports of Town Officers and Committees, and especially to hear and act upon the Report of the Committee upon the Revision of the By-Laws of the Town; and, if the Town shall see fit, to repeal all existing by-laws, and substitute therefor the by-laws reported

by said committee, with such alterations and amendments as may be made by the Town.

TENTH, — To see if the Town will authorize the Selectmen to license the City of Boston to use the main sewer and lateral sewers of the Town of Brookline, and to fix the terms upon which such license may be made, and the consideration to be paid by the city therefor.

ELEVENTH, — To see if the Town will issue Brookline water scrip for the amount of the orders drawn by the Selectmen against water receipts during the year ending Feb. 1, 1880, after making such deductions therefrom as may be necessary or expedient.

TWELFTH, — To see whether the Town will rescind the vote passed on the twenty-ninth day of January last raising a committee to oppose the annexation of Brookline to the City of Boston.

THIRTEENTH, — To see what action the Town will take with reference to the union of the Town with the City of Boston.

FOURTEENTH, — To see what action the Town will take with reference to its transfer from Norfolk to Suffolk County.

FIFTEENTH, — To see if the Town will accept "An Act to authorize cities and towns to erect and maintain public bath and wash houses," being Chapter 214 of the Acts of 1874, and take any action authorized thereby.

SIXTEENTH, — To see if the Town will light Heath Street, from the gateway of Mr. Walter C. Cabot to the Newton line.

SEVENTEENTH, — To see if the Town will provide a street-lamp on Freeman Street, opposite the foot of Ridgway Street.

EIGHTEENTH, — To raise and appropriate such sums of money as may be necessary for all or any of the purposes mentioned in the foregoing articles, or as may be required to defray the expenses of the town for the ensuing year, and especially to act upon all the appropriations asked for or proposed by the Auditors, or by any Town Officers or Committees.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the Selectmen, four days at least before the day of said meeting.

Given under our hands at Brookline aforesaid this twenty-second day of March, in the year of our Lord one thousand eight hundred and eighty.

MOSES WILLIAMS, JR.,
FRANCIS W. LAWRENCE,
HORACE JAMES,
R. G. F. CANDAGE,
OLIVER WHYTE,
Selectmen of the Town of Brookline.

A true copy. Attest :

W. Y. GROSS, *Constable.*

21433

REPORT OF THE SELECTMEN

UPON THE

ARTICLES IN THE WARRANT

FOR THE

ANNUAL TOWN-MEETING

PUBLIC

TO BE HELD

MARCH 25, 1879.

BOSTON:
FRANKLIN PRESS: RAND, AVERY, & CO.
1879.

REPORT OF SELECTMEN.

ART. 2. To see if the town will accept the provisions of stat. 1878, chap. 255, entitled "An Act in Relation to the Election of Selectmen and Assessors of Towns. Approved May 15, 1878."

The town, at any annual meeting, may accept the provisions of this act, and choose Selectmen and Assessors for the term of three years. If the town shall see fit to choose five Selectmen, as is usual, it should elect one person for one year, two persons for two years, and two persons for three years. If the town shall see fit to choose three Assessors, as is usual, it should elect one for one, one for two, and one for three years.

ART. 3. To choose the usual town-officers for the ensuing year, and, if the town shall deem it expedient, to choose two women to serve as Overseers of the Poor, three women to serve on the School Committee, and three or more Assistant Assessors.

We do not think there can be any doubt about the great value to the town of the services of Mrs. Cabot and Mrs. Codman as Overseers of the Poor, and cordially advise their renomination.

We think it would also be well to add three women to the School Committee. Half the children are girls, and a large proportion of the teachers women. There is plenty of good material in town; and the women chosen can give the town

more time than men commonly can, and can also give much better service as members of the Committee itself than they can merely as an Advisory Board. An Advisory Board does not seem to work any better in town than it has in State affairs.

The town elected Assistant Assessors once before. In resettling the values of property over the whole town, they may be a very useful addition to the Board of Assessors, for a year or two at least.

ART. 5. To hear and act upon the report of the Selectmen as to the cost of extending Station Street fifty feet wide through Harrison Place to Harvard Square, and, if the town shall deem it expedient so to do, to accept and allow Station Street as laid out by the Selectmen.

The plan hereto annexed shows Station Street as laid out by us, and reported to the town Feb. 11 last.

The same plan also shows two schemes for the extension of the street through Mr. Twichell's lot, and over Harrison Place, to Harvard Square, forty feet and fifty feet wide. The forty-foot plan is Mr. Twichell's scheme. The fifty-foot plan is also his, except that we widen Harrison Place all on the north side, instead of one-half on the south side as he proposed.

Mr. Twichell's scheme varies from that we had at one time determined to present to the town, in that his proposed street cannot, as will be seen by looking at the plan, be extended northerly, without going through Mr. Jones's house. Our plan laid out the road through the middle of his lot, so that it might be extended in future without interfering either with Mr. Jones's house or that of Mr. Twichell. We do not understand, however, that Mr. Twichell makes it a condition to his present offer to sell land, that we shall adopt his plan. We presume he would now allow us to lay out the road as we then wished for the same price of fifty cents a foot.

In our report we estimated that to build Station Street forty feet wide up to Harrison Place, and stopping there, we should have to pay for

Land damages	$8,766
And for construction contingencies, &c.	3,000
Making a total probable cost of a forty-foot street to Harrison Place	$11,766

We also estimated, that, in order to lay out Harrison Place forty feet wide from Harvard Square, as far as the east side of Station Street, we should have to pay

For land damages	$3,782
And for construction	1,756
Making a total probable cost of widening Harrison Place to forty feet	$5,538
And the cost of both streets would therefore be	$17,304

In making our estimates about Harrison Place, Dr. Lowe's land, assessed in May, 1877, for about eighty cents a foot, we valued at one dollar. He charges a dollar and a half a foot. Capt. Candage's land, assessed for about fifty cents a foot, we valued at eighty cents, and he offers to sell for seventy-five cents a foot. Mr. Jones's land, assessed for fifty cents, we valued at seventy cents. Mr. Jones names no price now. We proposed to take a corner of Mr. Twichell's homestead-lot, for which we were willing to pay sixty cents. He does not now propose to have this taken at all.

The cost of constructing Harrison Place forty feet wide will therefore be more than we estimated. At least, one thousand dollars ought to be added to our previous estimate, unless we wish to invite a controversy with the land-owners.

So that we report, Station Street forty feet wide, extending up to Harrison Place, and through Harrison Place to Harvard Square, can be built for about eighteen thousand dollars.

In order to extend Station Street forty feet wide as far as Mr. Twichell's lot, and then fifty feet wide through his lot up to Harrison Place and over Harrison Place, and lands of Jones, Candage, and Lowe, as shown on the plan, we shall probably have to pay in land damages to

Mr. Panter	$1,930 00
Mr. Hand	200 00
Proprietors of St. Mary's Church	950 00
Mr. Twichell	5,319 00
Mr. Jones	1,404 00
Capt. Candage	2,150 00
Dr. Lowe	6,072 60
	$18,026 60
And for construction and contingencies	6,138 00
Making a total probable cost of	$24,164 60

The owners of the fee of Harrison Place, and the private way to Webster Place, make no charge therefor.

The railroad corporation, Dr. Lowe, Mr. Twichell, and we presume Capt. Candage and Mr. Jones, will object to the assessment of any betterments on their estates. Still Mr. Panter, Mr. Hand, Mr. Twichell, and other parties might very properly be assessed, and this will reduce the cost of either of the proposed extensions of Station Street.

Here, then, are four plans for the town to take into consideration, and determine which it is most expedient at present to adopt.

1. Station Street as laid out by the selectmen will cost us to build $2,200 00
 (We proposing to assess no betterments on any estate.)
2. Station Street and the same continued forty feet wide to Harrison Place, and there stopping, will cost . . 11,766 00
 (We reserving the right to assess a betterment on all parties but the railroad corporation.)
3. Station Street and continuation of same forty feet wide through to Harvard Square will cost about 18,000 00
 (We reserving the right to assess a betterment on some parties.)

4. Station Street and continuation of same forty feet wide to Twichell's land, and thence fifty feet wide to Harvard Square, will cost about $24,164 00
(We reserving the right to assess a betterment on some parties.)

An inspection of the plan annexed shows plainly enough that it makes no sort of difference which of these schemes shall be finally adopted and carried out. Station Street as laid out by the Selectmen will necessarily form a part of either scheme, and will have to be built, whether we lay out a road to Harrison Place and stop there, or whether we lay out Harrison Place forty feet or fifty feet wide.

We think, therefore, that it will be expedient for the town to accept Station Street as laid out, and build the same now at a cost of $2,200, and wait a year, and find out by actual experience whether it will afford sufficient accommodation for the public travel to and from the station. If it does accomplish this result, we shall save the expenditure of $9,566, $15,800, or $22,964, according as we should otherwise adopt either of the other schemes. It will be quite time enough to incur these additional expenditures when it shall be found to be necessary or expedient.

Station Street as laid out by us gives the railroad corporation more than it originally asked for in 1877, and all that it now seeks to have. The town has no legal power to lay out a road at grade across the existing freight-tracks. To enable us to do this we must either have the consent of the railroad corporation or that of the County Commissioners (Gen. Stat. chap. 63, § 59, 7 Allen, Rep. 523). The corporation have, however, once given their consent upon our proposing to take a piece off the south end of Mr. Twichell's lot, and throwing it also open for their use, which his plan does not contemplate. They may be willing to consent to Mr. Twichell's present plan; but thus far we do not understand that they have done so.

The prices demanded for land make the principal expense

in reference to these extensions. The cost of labor and materials are, comparatively speaking, small. The prices now asked by all the land-owners are in every case far beyond the assessed value of their lands, far beyond their present market value, and beyond what we think such value will be likely to be in the next year or two. We do not think, therefore, that the town will run any risk of increase of land damages by delaying. If we have to pay a little more for labor a year hence, we ought not to regret it.

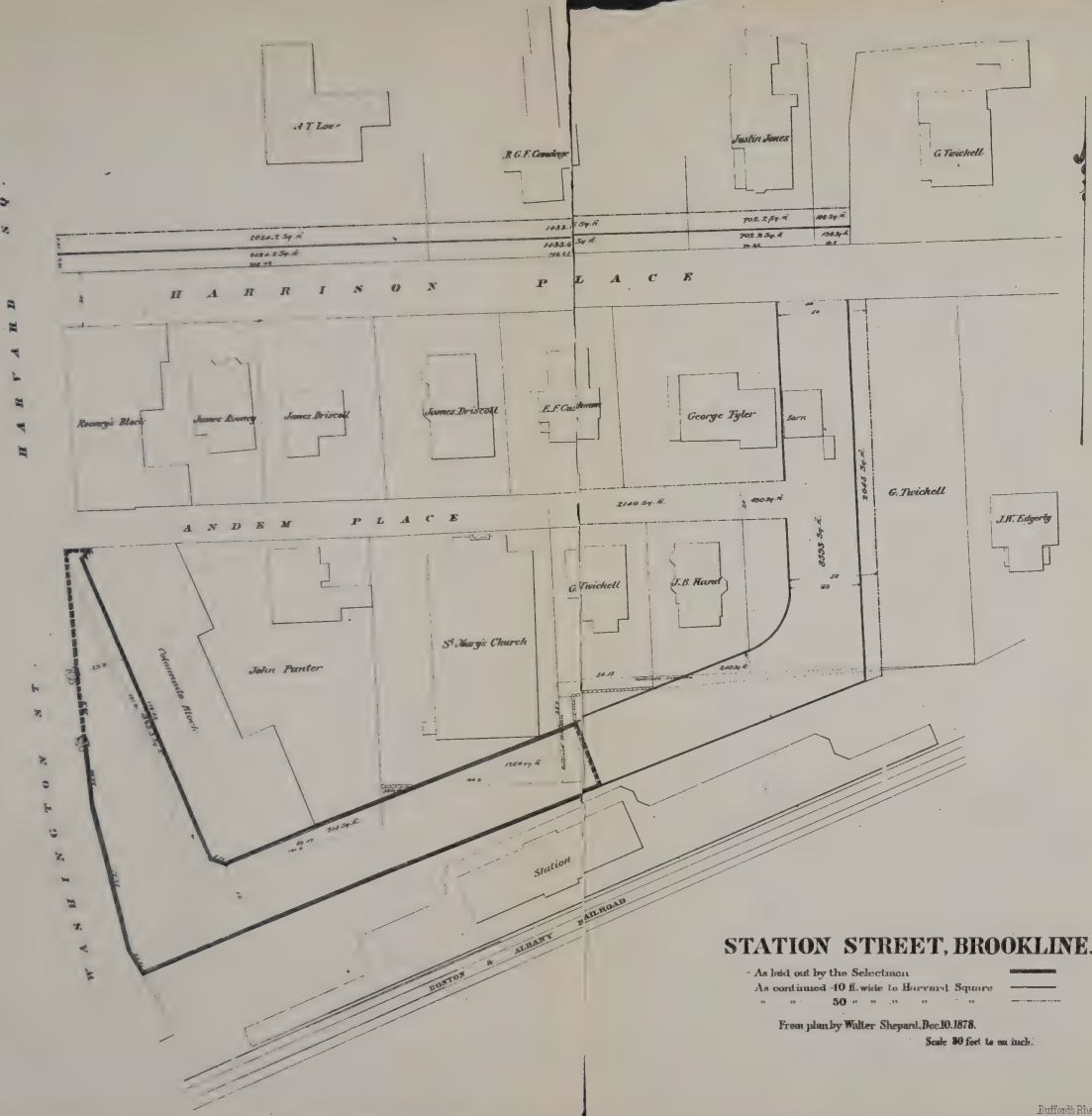
We ought also to bear in mind the very large expenses we have got to incur this year, and which cannot be postponed as easily as this road, or cannot be postponed at all.

We have got to pay this year for

Temporary loan	$5,000 00
Construction of Brook Street and sewer	41,775 31
Work on schoolhouse outbuildings	1,100 00
Ventilation of schoolhouses (asked for by the School Committee)	1,000 00
Work needed about conduit from the filtering gallery, estimated, by one of the committee having it charge, at not less than	25,000 00
Another boiler at pumping station (asked for by the Water Committee)	2,000 00
New material (asked for by Fire Engineers)	1,950 00
Grading up St. Paul Street where it has sunk below its proper level	400 00
Extra expenses this year	$78,225 31

There are also other expenses which are imminent, pressing, and also costly, such as the drainage of School Street and vicinity, and of Thayer Place, the new channel for Muddy River, the new school accommodations for Chestnut and Sewall Streets, &c.

It is true that we may divide this large sum for extraordinary expenses between this and next year's taxation, and perhaps borrow some of it, if we please: but it is far better for us to pay each year as we go; for, judging by our past



STATION STREET, BROOKLINE.

As laid out by the Selectmen
As continued 40 ft. wide to Harvard Square
" " 50 " " " " "

From plan by Walter Shepard. Dec. 10. 1878.
Scale 80 feet to an inch.

Bufford's Rheotype Process Boston

experience, each year will bring its own crop of expenses growing out of sewers and water, and for many years to come we shall have to tax ourselves far more than it is convenient for any of us to pay.

ART. 6. To hear and act upon the report of the Selectmen in reference to appointing a town-attorney.

We annex letters bearing on this subject.

EQUITABLE BUILDING, BOSTON, July 17, 1878.

MR. C. D. LINCOLN, *Clerk of the Selectmen of Brookline.*

Dear Sir, — In reply to your communication of yesterday, asking my opinion as to what salary might be considered sufficient for a town-solicitor of Brookline, I would say, that, from the information I have been able to obtain since your note was received, two thousand dollars a year would be sufficient.

Yours very truly,

A. D. CHANDLER.

BOSTON, July 22, 1878.

CHARLES D. LINCOLN, Esq.

My dear Sir, — Referring to your favor of July 16, inquiring, for the board of selectmen, my opinion as to what salary ought to be considered sufficient for a town-solicitor, I reply that I cannot answer the question without some further statement of the services which such an officer would be expected to render.

The solicitors of the city of Boston, four or five in number, necessarily devote almost their whole time to their work; while those of the smaller cities discharge their duties in connection with their general practice of the law.

The statutes do not now provide for the appointment of such officers in towns; and their duties would therefore depend entirely upon the terms of their employment, not being defined by law.

Respectfully yours,

MOSES WILLIAMS, JUN.

82 DEVONSHIRE STREET, BOSTON, 13th August, 1878.

CHARLES D. LINCOLN, Esq., *Clerk of the Selectmen of Brookline.*

Dear Sir, — I have to acknowledge the receipt of your note asking for my opinion "as to what salary ought to be considered sufficient for a

town-solicitor." I do not believe that it is competent for the town to elect such an officer. Assuming, however, for the purpose of answering your question, that the town may do so, I will answer it as well as I can.

Two ways of arriving at an approximately correct judgment upon the matter occur to me. One of these is, to ascertain the average annual sum paid by the town for several years last past, and deduct therefrom what has been paid to senior counsel, upon the average, during those years, and also a proper sum, perhaps one-fifth, to represent the allowance which the town might reasonably ask to have made in consideration of its giving its entire legal business to one person. No means are at hand for me to make this calculation, the town-reports not being available for this purpose by reason of the fact that it appears to have been the custom for many years for the published accounts of the town-treasurer to exhibit the charges for services rendered by attorneys to the town, and for cash disbursed by them in the course of their employment, under the single head of "legal services."

The other way of reaching a result which may be correct, or nearly so, is to ascertain the salaries paid to solicitors by cities the tax-valuation of which is about that of Brookline, and to fix upon the average sum paid by those cities as the salary fair for the town to pay its solicitor. This suggestion is based upon the assumption that commonly the amount of litigation, and the demand for the services of an attorney in the case of a given municipality, would depend rather upon the amount of property belonging to it than upon its population.

Somerville and Salem have each an assessed valuation about the same as that of Brookline. The former city pays to its solicitor an annual salary of two thousand dollars. The latter city pays its solicitor a salary of two hundred and fifty dollars per annum for all services in consultations and the like, and a "reasonable compensation" in addition, for services in courts, together with all legal costs in cases in which the city recovers costs. Chelsea, which has a valuation about two-thirds that of Brookline, pays to its solicitor a salary of a thousand dollars per annum. The only other places in the Commonwealth the valuation of which is the same, or about the same, as that of Brookline, are Newton, Lawrence, Lynn, and New Bedford, the salaries of the solicitors of which I do not know. So far as the places first named can be taken as guides, I am inclined to the opinion that fifteen hundred dollars per annum would be a fair salary for Brookline to pay.

Yours truly,

CHAS. H. DREW.

Boston, Feb. 28, 1879.

Gentlemen, — Your note requesting my "opinion as to what salary ought to be considered sufficient for a town-solicitor" has had my attention.

Upon examination, I find that for the six years ending Feb. 1, 1878, the town has paid for professional legal services an average of more than three thousand dollars ($3,000) per year; which fact would, in my opinion, indicate two thousand dollars ($2,000) as not far from the proper salary to be paid to a town-solicitor.

Such an officer would, of course, not be at liberty to act against the town in any matter, and thus would be cut off from a source of additional compensation which is open to counsellors employed by the town merely in specific matters.

I am yours respectfully,

THOS. H. TALBOT.

To the Selectmen of the Town of Brookline.

The town had better do just as little as possible which can lead to suits. When we take land for public uses, even those which are absolutely necessary, and rely on juries or commissioners to look at the value of these lands through our spectacles, we find our mistake very suddenly, sometimes very unpleasantly. In one of our small takings for the water-works, the award of our Water Commissioners (and it seemed liberal enough) was three hundred dollars, and this sum we paid into court in order to lessen the chances for costs. We have just had to pay $1,064.01 more to settle the executions issued for this claim.

The true way, therefore, for us to economize on this subject is to avoid all occasions for suits which can possibly be avoided.

If the town cannot appoint an attorney, it can limit the expenditure for counsel-fees, if it pleases, and order or advise the Selectmen, if it pleases, to place the suits in charge of a single individual. Whether this will accomplish a real saving to the town, or whether it will insure a more judicious management of the suits, we cannot say. We are doubtful on both points.

ART. 7. To see what action the town will take upon the petition of James Quinn and others, that suitable schoolhouse accommodations may be provided in the immediate vicinity of Chestnut and Sewall Streets for the children living in that district.

This article is inserted in consequence of the following petitions.

The advice of the School Committee follows the petition.

FEB. 1, 1879.

TO THE BOARD OF SELECTMEN OF THE TOWN OF BROOKLINE.

We the undersigned, citizens of the town of Brookline, respectfully petition your board to insert the following *Article* in the warrant calling the annual town-meeting in March, 1879: —

Voted, That suitable schoolhouse accommodations *be* provided in the *immediate vicinity of Chestnut and Sewall* Streets for the children living in that district.

JAMES QUINN.	JOHN J. MCDAVITT.
JOHN J. MCCORMACK.	T. H. MURRAY.
JOHN LYNCH.	E. J. MEALEY.
PETER H. GLANCY.	DAN. FRAWLEY.
ALEX. MCCULLAUGH.	JAS. GLEASON.
CHARLES JOHAEFFER.	MICHAEL JOHNSON.

FEB. 1, 1879.

TO THE HON. BOARD OF SELECTMEN OF THE TOWN OF BROOKLINE.

Gentlemen, — We the undersigned, citizens and inhabitants of the town of Brookline, living on Chestnut and Sewall Streets, respectfully petition your board to provide suitable schoolhouse accommodations in *this immediate vicinity* for our children.

Names.	Number of Children.
James Quinn	2
Peter H. Glancy	3
Thomas Martin	1
Patrick Glennan	2
John McInnerney	5
John Fallen	3

Names.	Number of Children.
Daniel Meany	4
Peter McCarty	2
John Kelley	1
Michael Flemmen	3
Walter Carroll	2
James Maloney	3
John Long	2
Michael Dasey	4
Patrick Clear	4
John Kelley	5
Michael Glennan	2
John Crohan	7
Timothy Crean	3
Thomas Dwire	1
James Pinnee	6
Michael Doyle	3
Patrick Lyons	7
William Murphy	5
Michael Dalton	1
James Duggan	6
Michael Munns	3
Edward Moran	1
Matthew Ryan	1
Dominick Gallagher	4
P. Drohan	3
Daniel Lyons	3
James Barrett	5
Richard Kelleher	6
I. I. McCormack	2
E. John Mealey	2
Charles Johaeffer	6

To the Town of Brookline.

The sub-committee appointed by the Board of School Committee to consider the desirability of establishing a school for the accommodation of the children residing on Sewall Street and vicinity, in accordance with the vote of the town beg leave to submit the following report: The place designated by the petitioners is a house on Chestnut Street, now vacant, and owned by Messrs. Foster & Candler. The Committee visited the premises, and find the locality a desirable one for school purposes. The house is situated upon high ground, surrounded by trees, and ample

space is afforded for play-ground. The building would require considerable alteration to adapt it to school purposes. If it is in good condition, probably the expense of fitting it would not exceed five hundred dollars. The price named to us for rent of house and one acre of land was eight hundred dollars, with the intimation that an offer of seven hundred would be entertained. The number of children attending school in this immediate vicinity is eighty-eight, including all ages.

Probably the classification could be arranged so as to provide for about seventy pupils. Two teachers would be required, and two rooms must be furnished. We cannot recommend any plan that will not admit of proper grading of the pupils. Calling the rent $700, the salaries of two teachers $1,250, and sundry expenses (heating, care of rooms, &c.) $200, we have a total expense of $2,150 for seventy pupils: not included in this is the expense of alteration and the loss to the town of taxes. It is true the expense is not excessive as compared with the cost of maintaining some schools, if the interest on the cost of the buildings and land is included.

It is very important that some provision be promptly made, and especially to enable the Committee to transfer the pupils now occupying the engine-house. The present schoolhouse on Boylston Street was erected with a view to enlargement. This could be accomplished so as to meet present requirements for about five thousand dollars. The interest upon this would be, say, three hundred dollars, and it is an improvement that in our opinion the town should make, even should it be decided to rent the estate on Chestnut Street. The classification of the pupils would be made with less difficulty; but, as an offset to this, a large number of the pupils will be obliged to travel a greater distance.

While the Committee incline to the last-named plan, we have no objection to interpose if the town thinks it best to rent the house on Chestnut Street. We understand a lease for five years could be obtained.

WM. H. LINCOLN,
M. DRISCOLL,
GEORGE BROOKS. } *Committee.*

ART. 9. To see if the town will build and maintain two or more public bath-houses.

This article is inserted in response to the petition which follows; but it came to us so late that we have been unable to examine into the subject sufficiently to be able to report upon it.

We advise that it be referred to the new Board of Selectmen to examine and report upon.

Brookline, March, 1879.

To the Honorable Board of Selectmen.

Gentlemen, — We the undersigned respectfully petition that the following article be inserted in the warrant calling the annual town-meeting; to wit, —

To see if the town will build and maintain two or more public bath-houses.

P. Lynch.	John McDonough.
E. J. Jones.	M. F. Comy.
T. F. Dooley.	James Gleason.
Dan. Frawley.	Michael Johnson.
Richard Kelleher.	William Maloney.
Edward Mealey.	Thomas Murray.

ANNUAL REPORT

OF THE

CHIEF OF POLICE

OF THE

TOWN OF BROOKLINE,

FOR

THE YEAR ENDING FEB. 1, 1879.



BROOKLINE CHRONICLE PRESS.
1879.

ANNUAL REPORT.

Brookline, Jan. 31, 1879.

To the Selectmen of Brookline:

Gentlemen,—I have the honor to submit my third annual report of the Police Department for the year ending January 31, 1879.

The regular force as now organized consists of thirteen men as follows: One Chief, one Sergeant, and eleven Patrolmen.

Chief of Police,	Alonzo Bowman.
Sergeant of Police,	Geo. F. Dearborn.

Patrolmen.

Burnham C. Clark,	Mears Orcutt,
Geo F. Marston,	Wm. W. O'Connell,
Patrick Johnson,	Burton R. Willis,
Albert S. Paige,	Thos. J. Murray,
Chas. F. Bush,	Chas. B. McCausland,

Chas. H. Cilley.

Four patrolmen are on duty by day and seven at night.

Special Police.

Thirteen persons have been appointed special police officers without pay, as follows:

W. Y. Gross, for the Town Hall.

John H. Grush, for Guild's Block and vicinity.

John E. Blaisdell, for Christ Church and the vicinity of Chapel Station.

John Ferguson, for the Stearns estates, Longwood and Sewall avenues.

William D. Morrison, for the Public Library.

Eneas Smyth, for Holyhood Cemetery.

Thomas S. Pettengill, for Walnut Hills Cemetery and Cemetery on Walnut street, and on funeral occasions.

William B. Joy, for the estate of Jordan, Marsh & Co., Washington street, and Summit avenue.

Oliver Cousens, for corner of School and Harvard streets and vicinity.

David McCarthy, for Cochituate Reservoir, on Boylston street.

Albert E. James, for the Metropolitan Railroad station and its vicinity.

John Leahy, for lower part of Boylston street.

Leonard Newcomb, for the Ward, Pierce and High Schools and vicinity.

But two changes have occurred in the department since the appointments in April last. Sergeant H. R. Head (a valuable officer) resigned in July, and officer Dearborn was appointed to fill the vacancy. Charles H. Cilley was appointed a patrolman vice Dearborn promoted.

WORK DONE BY THE POLICE.

Arrests,	275
Males,	241
Females,	34
Minors,	46

CAUSES OF ARREST.

Assault,	29
" felonious,	3
" on officer,	3
Attempt to burn a dwelling house,	2
Attempt to rescue a prisoner,	1
Breaking and entering,	3
Bastardy,	1
Common drunkard,	3
Drunkenness,	87
Disturbing the peace,	19
Fast driving,	1
Larceny,	19
Malicious mischief,	11
Swindling hotel keeper,	1
Truancy,	10
Trespass,	1
Vagrancy,	40
Violation of town by-laws, and by-laws of Board of Health,	16
Violation of liquor law,	12
Persons arrested as suspicious characters,	7
All other causes,	6
Total,	275

Fifteen persons arrested for being more or less intoxicated, were released on becoming sober.

Of the persons arrested for drunkenness, twenty-eight (28) were residents of Brookline. (Last year the number was 48.)

Number of persons committed to the Jail and House of Correction, 84.

For non-payment of fine and cost, 55.

By sentence, 24. Committed in default of bail, 5.

NATIONALITY OF PERSONS ARRESTED.

United States,	120
British Provinces and Canada,	10
Ireland,	127
England,	12
Germany,	2
All other places,	4

Number of persons applying for lodgings, 518.

Males,	491
Females,	27
Minors,	40

NATIVITY OF LODGERS.

United States,	219
British Provinces and Canada,	28
England, Scotland and Wales,	41
Ireland,	217
Germany,	11
All other foreign places,	2

MISCELLANEOUS WORK.

Accidents reported,	15
Alarms of fire "	4
Disturbances quelled,	16
Stray cattle and horses found on the streets and cared for,	10
Lost teams recovered and returned to owners,	5
Leaks in gas pipes (street mains) reported,	5
Leaks in water pipes and hydrants (street mains) reported,	13

Buildings found open at night and secured,	68
Nuisances reported,	7
Defects in streets and sidewalks reported,	88
Lanterns furnished for dangerous places on streets,	21
Lost children recovered,	6
Number of licenses issued to collectors of grease, and inspected monthly,	22
Number of town warrants and other town documents distributed, over	20,000
Number of dead animals reported, and buried by direction of the Police,	23
Number of orders given for cleansing vaults and cess-pools,	103
Number of street lamps reported broken,	237
Number of streets lamps reported unlighted,	272

For expenditure of Police Department, see Treasurer's Report.

TRAMPS.

But few complaints have been made of tramps for the past year.

Tramps can remain but a short time in town before they are recognized as such by officers, and they are either arrested as vagrants, or sent out of town.

Several cases of house-breaking and robbery have occurred in town the past year.

In one or two cases the losses were considerable, and were the work of professional burglars.

Several cases of petty larceny have also occurred.

From the best information I can obtain, the total loss by theft will not exceed eight hundred dollars; but a small part of which has been recovered.

LICENSE LAW.

Twelve prosecutions have been made for the illegal sale or keeping for sale, and 158 gallons of liquors of various kinds have been seized, condemned, and disposed of according to law.

The illicit sale of liquors has been confined mostly to dwelling-houses, and the difficulties attending the procuring of evidence sufficient for conviction are such as few unacquainted with the business are aware of.

The arrests for the crime of drunkenness for the last three years have been as follows: In 1876, 197, in 1877, 119; in 1878, 90.

I am convinced from the best information obtainable, that one result of the granting of licenses, has been the increased consumption of malt liquors, and a corresponding decrease in the use of spirituous or alcoholic beverages. * * *

One or more officers should be especially detailed to enforce the license law, but with our reduced force, I have found it impracticable to do so. The statutes seem to require that an officer shall be especially authorized by the Selectmen, in order to efficiently perform his duty in this direction. See chap. 99, sect. 11, Acts of 1875.

Our thanks are due to the Ladies' Temperance Union for valuable information and assistance the past year.

MOUNTED POLICE.

Two horses have been employed in the department the past year, and with the best results, and have proved to be a very useful and important part of the service.

Valuable buildings have been saved from destruction by fire, by the quickness with which the alarm was given by the mounted officers.

In pursuing and stopping runaway horses, the services of the mounted officers have been invaluable, in several instances doubtless preventing severe accidents, and loss of life.

CONCLUSION.

I have found it impossible with the small force at my disposal, to supply the demands of citizens for police service, especially during the summer months, when many citizens are out of town, and scores of houses are vacant in all parts of the town.

The great thoroughfares which pass through the town, leading from the large city on our borders, should be patrolled at *all* hours of the *day* and *night*.

The record of sixty-eight buildings, mostly stores and shops, found open and secured by the night officers, and eighty-eight defects in streets and sidewalks, shows the importance of a strict attention to duty. * * *

The discipline and conduct of the officers has been excellent, and they have cheerfully performed all duties required of them. And in concluding this report I desire to thank the officers who have performed their duties in a manner to render mine pleasant and agreeable. Our thanks are due to officers of Boston Police Department, for valuable assistance cheerfully rendered. Also to the Police Department of the city of Newton.

I tender my sincere thanks to the Board of Selectmen for the kind consideration extended to me.

I am, very respectfully, your obedient servant,

ALONZO BOWMAN,

Chief of Police.

21H-79

REPORT

OF THE

COMMITTEE ON WATER SUPPLY,

WITH

LETTERS BEARING UPON THE SUBJECT

BROOKLINE PUBLIC LIBRARY

FROM

ENGINERS AND CONTRACTORS.



16

BROOKLINE:
PRESS OF CHRONICLE JOB PRINT.
1879.

REPORT ON WATER SUPPLY.

At the special town meeting holden Oct. 10, 1878, the third article of the warrant—viz., "To see if the town will examine the cause of the alleged impurity of the water supplied from Charles River"—being under consideration, it was "*Voted*, That the subject-matter of this article be referred to a Committee, consisting of Messrs. Henry M. Whitney, Willard A. Humphrey, William H. Lincoln, and the Water Board, with a request that they report at the next annual meeting the full extent of the difficulty, and the best way to remedy it, and the cost of doing it, and that the Committee have power to consult experts."

The Committee appointed by the foregoing vote respectfully submit the following Report:

The Committee find that "the cause of the alleged impurity of the water" is due to leakage of swamp-water into the conduit for carrying the filtered water from the filtering galleries to the pumping station. The conduit is made of wood, and the joints have shrunk; so that the swamp-water, in considerable quantities, leaks into the conduit, and is pumped with the filtered water into the reservoir, and is thence distributed throughout the town. That section of the conduit connecting the eastern and western filtering galleries—about four hundred feet—is thought to be in sufficiently good condition to warrant its being left as it is for the present, and no estimates are therefore made for repairs upon

that section. Previous to the appointment of this Committee the Water Board had given the subject much serious and careful consideration. They had also caused an analysis of the water to be made by Dr. Hayes, which was submitted to the Committee, and which will be found in full in the appendix to this Report marked "A." They had at one time a portion of the conduit uncovered, and invited several engineers of note, residents and non-residents of the town, to examine the conduit. Relying upon the opinions of these engineers and the opinion of the Water Board, we assumed, early in our investigation, that the best, if not the only, way of repairing this damage is by entirely rebuilding the conduit from the eastern end of the eastern filtering gallery to the pumping station,—a distance of 3,047 feet. It furthermore appeared to be desirable, that, in rebuilding the conduit, it should be placed in a lower level, to permit of drawing the water lower in the filtering gallery, thereby increasing the supply.

At the time the works were built the Commissioners of the Water Works reported that the capacity of the filtering galleries was 1,500,000 gallons per day. (See Final Report of Water Commissioners, page 29; also Report of Engineer, pages 52 and 71.) (See also Annual Report of Water Board for year ending Feb. 1, 1879.) (See also Letters of Mr. Philbrick in the Appendix.) An examination of these papers will show that if the test reported by the Engineer was correct, and the yield at that time was 1,600,000 gallons, there has been a loss in the capacity of the galleries of about 600,000 or 700,000 gallons, and some measures must now be taken to increase the supply of water if citizens desire to use it as freely as heretofore.

Mr. E. S. Philbrick, under date Dec. 31, 1878, estimated the cost of rebuilding the conduit with iron pipe twenty-four inches in diameter, using the present level and foundation, at $6.75 per running foot, or, for

3,047 feet	$20,566 25
Besides gates and man-holes	2,000 00
	$22,566 25
Engineering, assumed by Committee, at .	1,500 00
	$24,066 25
Besides which Mr. Philbrick thought it important that some new filtering gallery should be built immediately, and estimated the cost at	3,000 00
Making a total of	27,066 25

Messrs. Shedd & Sawyer estimated the cost of rebuilding the conduit one foot lower than the present, with twenty-four-inch iron pipe, including engineering, at . . .	$25,838 50
Including 850 feet of new gallery . . .	35,400 00

Mr. Ernest W. Bowditch believed that it was advisable to drive piles for a foundation for the iron pipe. He examined personally the character of the ground, and gave the Committee estimates for connecting the pipes by two different methods. By one of these methods the cost was estimated at about $10.25 per running foot, or, for

3,047 feet	$31,232 00

By the other method, $9.67 per running foot, or, for

3,047 feet	$29,464 49

Without any increase of filtering gallery.

Finding these estimates so large, the Committee next investigated the subject of moving the pumping station to Cow Island, near the lower end of the filtering galleries, connecting with the present force main by a new force main across the marsh, in place of the present conduit, and caused estimates of the cost of removal to be made. The reason given by the Water Commissioners for locating the pumping station where it now is will be found on page 9 of their Final Report, and is as follows: — "Immediately after, the subject of location of the pumping engine came under consideration. It was of course desirable to place this as near the town as possible, and it was therefore resolved to locate it on the land of Mr. James Smith, near Baker Street, and near the easterly edge of the swamp lying east of Cow Island, and connect the gallery with the pumping station by means of a conduit."

The reasons given by the engineer for the location are stated on pages 46–47 of the Final Report, as follows: — "After choosing the south side of Cow Island as a source, the question arose whether to locate the pumps at this spot, and force the water all the way to Brookline, or to take advantage of the level meadows for three thousand feet, across which it could be taken by gravity. No good reason appeared for locating the pumps at the more remote point, except that the work could thereby be somewhat simplified by dispensing with the conduit, and laying a force main over the same ground. The cost of constructing a conduit of two feet diameter, subject to little pressure except that arising from the earth filled over it, and the cost of a force main of fourteen inches diameter, subject to the necessary pressure of seventy pounds per square inch, would be about the same. But the cost of *pushing* the water through this additional length of force main would be considerable, being that of overcoming over three feet additional head in the shape of friction, while only *six inches* of head is lost by taking the water by gravity, owing to the larger size of pipe

made available at the same cost by the absence of hydrostatic pressure in the conduit. Moreover, the maintenance of a force main in this swamp, subject as it would be to this high pressure and the unavoidable shocks of the pumping action, would be likely to prove much more troublesome than a conduit which would be subject to no disturbing influences after once being put in place and surrounded by a material of about the same specific gravity with its own materials and contents. If the pumps were located at Cow Island, all fuel for working them must be hauled for some three-fourths of a mile through private grounds, where some annoyance and expense would always be incurred in keeping the path in repair, while if located east of the meadows, there is a good public highway (Baker Street), always in order, up to within a few rods of the Engine-house. This eastern location was therefore chosen, as most appropriate."

The Committee found upon inquiry that "the cost of pushing the water through this additional length of force main" supposing the town was using the full amount which they are permitted to take, 1,500,000 gallons per day, would be the cost of fourteen and a half tons of coal a year, or at present time, assuming our consumption to be 500,000 gallons a day, the cost to the town would be about five tons of coal or $25 a year. (See letter of Messrs. Shedd and Sawyer—Appendix F.)

The Committee believe that there is very little danger to be apprehended from laying the force main across the swamp. Leakages in force mains, when laid by competent men, they find are extremely rare, and in case of leakage it could be repaired without great expense or delay. There are but a few days in the year when the water is above the level of the marsh along the whole line of the conduit, and it is not unusual for the pumps to be idle a week or ten days together there being sufficient water in the Reservoir to supply the town for that length of time. The chances of any accident occurring whereby the citizens would be in-

commoded, or property endangered from want of water, we think are exceedingly small.

The estimate of the cost for moving the pumping station, including 175 feet additional length of filtering gallery, was $29,385, details of which were as follows:

Engine-house, including drainage, heating, &c., pump well, conduit and screen-chamber	$15,000 00
Grading, including roadway	900 00
Removing engine and boiler, &c.	1,400 00
Force main 16″ diameter	8,335 00
Gallery 175 feet long with man-hole and dam	2,250 00
Engineering	1,500 00
Total	$29,385 00

This did not include the cost of new house for engineer, as it was estimated that the present engineer's house and materials from old pumping station would sell for sufficient to pay for the new house; neither does it include the cost of auxiliary engine, which would be needed immediately in case the pumping station were moved, but which is needed wherever the pumping station is located, and which the Water Board have already recommended the town to purchase, at a cost of about $3,000.

It was intended in case the pumping station were removed, to have the pumps placed upon a lower level, thereby permitting the water to be drawn lower in the galleries than it can now be done, which we consider would be an immediate and permanent advantage.

The only objection that has been raised against pumping the water lower in the filtering galleries is that their stability may be endangered thereby. Our inquiries have led us to believe that this danger can be avoided by a system of diffusion frequently practised by engineers and referred to at

length in a letter of Messrs. Shedd & Sawyer—Appendix F.

In addition to the estimates before given we have received a proposal from Mr. James Driscoll for doing all the work of repairs, excepting furnishing the pipes and connecting them, for $2.47 per foot.

For 2,847 feet,	$7,032 09
And for building 200 feet of new gallery in place of 200 feet of conduit,	1,300 00
The iron pipe is estimated to cost $2.20 per foot, or, for 2,847 feet,	6,263 40
Lead gaskets and connecting pipes estimated at	512 46
For man-hole and iron gates,	435 00
Engineering and incidentals,	1,957 05
Total,	$17,500 00

Although the cost of moving the pumping station will be from $12,000 to $15,000 more than the cost of a new conduit in the present location, according to the proposal of Mr. Driscoll and accompanying estimates, our judgment is that it will be for the best interest of the town to expend the larger sum, and move the pumping station to Cow Island. The additional annual expense for interest and sinking fund requirements upon the increased amount, supposing the money will be borrowed upon bonds of the town having twenty years to run, will be about $1,000 per year. We therefore recommend this course and offer the following vote:

Voted, That the sum of $35,000 be appropriated for moving the pumping station to Cow Island, including new

house for engineer, new relief engine and force main to connect with the force main at the present location of the pumping station.

Respectfully submitted,

HENRY M. WHITNEY,
WILLARD A. HUMPHREY,
WILLIAM H. LINCOLN,
OLIVER WHYTE,
WILLIAM J. GRIGGS,
FRANCIS HUNNEWELL.

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LETTERS.

A.—Letter of S. Dana Hayes.

State Assayer's Office and Laboratory,
No. 4 State Street, Boston, Oct. 4, 1878.

OLIVER WHYTE, ESQ., *Chairman Brookline Water Board:*

SIR,—I have analyzed three samples of water received from you, with the following results.

These samples were received in clean demijohns from Mr. F. F. Forbes, September 30th, and I have not been informed where they were taken from.

*Sample Marked "*No. 1.*"*

One United States gallon of this water contains,	
Organic and volatile matters,	0.39 grains.
Mineral matter,	3.69 "
Total,	4.08 "

No appreciable weight of ammonia, and no perceptible organic matters not in solution.

It is clear, odorless, colorless, tasteless, aerated, and a remarkably pure water in every respect.

*Taken from man-hole eastern end of eastern filtering gallery.

*Sample marked *"No. 2."*

One United States gallon contains,	
Organic and volatile matters,	3.66 grains.
Mineral matter,	3.02 "
Total,	6.68 "

This sample is colored, it has the odor and taste of decaying vegetable matter, it is slightly turbid from the presence of innumerable minute organisms floating or suspended, and it deposits a comparatively large quantity of brownish-yellow flocculent sediment when allowed to remain quiet for a few hours.

More than half the total weight of dried solid matter in this water being organic, and of a kind that is at least highly objectionable (a low order of water plants), it is evident that this water is unsuitable for the general supply of a town.

†Sample marked *"No. 3."*

One United States gallon contains,	
Organic and volatile matters,	1.46 grains.
Mineral matter,	1.58 "
Total,	3.04 "

It is nearly colorless, with slight odor and taste, and it contains a very large number of the same minute floating and suspended vegetable organisms that are found in No. 2, but there is none of the brownish-yellow sediment. If waters like Nos. 1 and 2 were mixed and allowed to settle, with exposure to the air, the result would probably be a water like this No. 3.

Although not a bad water, it is not so pure and wholesome as it should be for household purposes, and it is not nearly so pure as sample No. 1.

Having completed these analyses without knowing where the samples came from, perhaps I may be permitted to close this report with a brief reference to other analyses and examinations that I have made of the Brookline water.

As a resident of the town, I have observed the increasing impurity of the water from month to month, and in the summer of 1877, when I had occasion to take samples for analysis from the

*Taken from pump well at pumping station.
†Taken from reservoir on Fisher's Hill.

gallery near Charles River, and from the pump well, I noticed then that the pump-well water was much more impure than that in the gallery.

The source of impurity is principally in the small organisms, or marine plants, which are both growing and decaying in the water, especially in warm weather, and these same organisms are also plentiful in the water of fresh marshes.

Many chemical analyses have demonstrated that we have in the Charles River gallery, a water of almost unequalled purity and excellence, but by the time it reaches the pump well, from which it is delivered to the town, it has become seriously contaminated and changed.

Respectfully,

S. DANA HAYES,

State Assayer, Massachusetts.

B.—1. Letter of Edward S. Philbrick.

Office of Edward S. Philbrick, Civil Engineer,
12 *West Street, Boston,* Dec. 31, 1878.

HENRY M. WHITNEY, ESQ., *Chairman:*

DEAR SIR, — Yours of 28th inst. is before me. If I were obliged to state *now* what is the best method for joining your iron pipes for a conduit, I should have to say that none of the new methods referred to have been introduced here in practice. But the cost of doing the work with the old-fashioned lead joint will be about as follows, per lineal foot of conduit:

A — For digging and filling new trench 5 1-2 feet wide, including pumping of water,	$3 00
B — For new sheet piling and floor in place,	1 00
C — For iron pipe 224 lbs.* per foot, at $25 per ton,	2 50
D — For hauling pipe, handling it, and calking joints,	25
Total per lineal foot,	$6 75

Besides gates and new man-holes, (in all $2,000).

*Probably a lighter pipe may answer, but this does not affect this comparison.

Now, if it can be made to appear before next July that the "hydrostatic joint" is a proper one to be used, we shall be enabled to save by adopting it the whole of item B, or $1 per foot, also from items A (digging extra width and pumping extra depth), and from item D for calking, at least $1.10 more, thereby reducing the cost $2.10 per foot, or for a length of 2,500 feet a saving of $5,250, besides a saving of at least $1,500 on the man-holes, making $6.750 in all.

Now, it seems to me this is well worth waiting for, particularly as nothing is to be gained by acting earlier than August on the ground. I have strong hopes that this joint may prove a good one, and that the test to be made by the city of Boston may prove it.

There is doubtless no difficulty, except such as could be removed by this extra cost, in applying the old style of joint. But such a course would certainly require a wider trench and new timbering of trench, as well as a considerable extra cost in pumping, as compared with either of the other methods which have been considered for working in the old trench.

If Messrs. Shedd & Sawyer were as familiar as I am with the obstacles to be encountered in this particular spot, they would doubtless agree with me in the above estimate, and may do so now. I find Mr. Driscoll and his Sons, who probably know more about the actual cost of the work they have already done there than any one else, and the nature of these obstacles, fully agree with me in these estimates.

As to the turned and bored joint, it has proved quite satisfactory in England and Scotland, where it has been largely used, but as our shops have had no experience in making it, it would be necessary to make some trials of it in the shops before proceeding to fit all the pipes, in order to ensure a proper application of the machinery to make a uniformly tight work. For the same reason a careful inspection by use of templates while the work is in the lathe would be needed, to avoid the cost of re-handling the heavy pipes to correct imperfections.

If the "hydrostatic joint" proves to be what it promises, we not only avoid the cost and annoyance of this lathe work, but we throw the burden of making tight joints on to the patentee, who offers to do the work for us without charge, and wait for a satisfactory test of the joints before getting his pay for the iron.

The only reasonable doubts as to the propriety of accepting such an offer as this would arise from the following considerations, viz.:

1st. Whether the success is *probable* — a question which the trial to be made in the spring may settle for us.

2d. Whether there is a chance of any *depreciation* or lack of permanence in the tightness of this joint, after a lapse of time, subsequent to the test.

The slight pressure existing within your conduit, which never can exceed three or four pounds per inch, and the perfect *rest* enjoyed by the pipes after being laid, will render this question of little importance.

3d. The possible lack of responsibility on the part of the guarantors, a lack which is generally met in similar cases on public works by requiring personal sureties of the contractor on a penal bond.

This course was adopted in all the contracts for the original construction of the Water Works.

Hoping the above may be of some assistance to your committee, and trusting that you will seek always to avoid unnecessary expenditures, I remain,

Yours very truly,

EDWARD S. PHILBRICK.

C.—Letter of Ernest W. Bowditch.

HENRY M. WHITNEY, ESQ., *Chairman of the Special Committee on Water of the Town of Brookline:*

DEAR SIR, — In accordance with the desire expressed by your committee at its meeting, December 28, 1878, I have examined in a general way the line of the present conduit from Cow Island to the pumping station, taken soundings on the south side of the conduit sufficient for preliminary work, and ascertained from reliable sources the comparative costs of various constructions of iron pipe.

Assuming that iron pipe, and that only, is suitable material to be used, the only two important considerations in connection therewith are foundation and joint. Cast-iron pipe of twenty-four inches (24) inside diameter (3,000 lbs. to the length of 12 feet) weighs, when full of water, it is well known, about the same as an equal bulk of sand saturated with water. If, therefore, the sand now underlying the conduit could surely be retained in position, and proper water-tight joints made, there would be no need of additional foundation.

Unfortunately there is no proof that this can be retained, but, on the contrary, at the only place where it has been attempted (at the man-hole nearest the pumping station) the bottom *has apparently moved.* Mr. Forbes, your Superintendent, tells me that, at the man-hole in question, it was attempted to secure a better foundation by going deeper, and the pumping out of the water settled the wooden conduit perceptibly perhaps one hundred feet (100 ft.) each way.

This state of things appears perfectly possible, and since my investigations, even probable, and at once makes it imperative either to provide additional foundation or do away with the usual lead joint and substitute some other, or both.

Soundings taken January 13, 1879, show that the hard quicksand, on which the conduit now rests, is from four to six feet (4 to 6) in thickness, rarely more, when it is replaced by a mixture of soft sand and mud, or mud alone. That at a distance below the surface of from fifteen to twenty-eight feet (15 to 28) there is for a large part of the way a band or bands of gravel varying from six to eighteen inches (6 to 18) in thickness, and below that, soft mud again, even to a depth, in places, of over forty-three feet (43 ft.).

That piles can be driven here, of suitable length, capable of supporting any weight they can, for such work, be called upon to carry, admits of no reasonable doubt, and that piles driven so as to support the ends of the pipes only, rendering the motion of the hard sand immediately under the pipes of no real consequence, is equally certain.

In view of all possible contingencies, therefore, I would respectfully suggest:

First. That piles be driven, on either side of the proposed new

pipe, in number not exceeding four (4) for each length of pipe, spaced so that each joint may be supported by a cluster of four piles, well braced, both underneath and over the pipe, so as to make, as it were, a sort of cage.

Second. That either ordinary iron pipe, with usual lead joint, be laid, or that a double flanged, bolted pipe, with rubber gaskets, be substituted in its place, — the desirability of one over the other being dependent solely upon whether or not the extra flange, rubber gaskets and bolts would cost more than the lead joint, plus the necessary pumping, — a question capable of being answered better by your engineer, Mr. Philbrick, or the contractor who performed the work before, than any one else.

The desirability of the hydraulic lead joint is not considered, because a cursory examination such as has been made at the agent's office is not sufficient to determine its actual worth, nor is any, save actual testing and examination of pipes laid for years with that joint. That the principle is good is not denied, but its practical value, in its present shape, may be questioned, and it does not seem worth while to try anything that can be classed under the head of an experiment in a place where so much trouble has already occurred.

In addition to the simple line of pipe there should be provided at least three (3) gates, so that the total length can be cut in three places, in case of leaks and consequent necessary repairs.

It is believed that the figures given, although only approximate estimates, are large enough to cover the entire cost of *thoroughly* renewing the line, in the very best manner. Whenever any question has arisen, an ample figure has been adopted, as being wiser than a low figure, that, in the event of certain unforeseen emergencies, might be overrun.

For instance, the pile work is figured for the entire distance of thirty-four hundred and thirty-six feet (3,436 ft.), and it probably will not be necessary on more than two-thirds ($\frac{2}{3}$) of that distance.

Prices for materials have been obtained from reliable parties, most of whom have already worked for the town, and are known to furnish the very best.

The plan is a copy of portion of one at the Town Hall, Brookline, to show location of sounding taken January 13, 1878.

Respectfully,

ERNEST W. BOWDITCH,

Boston, Jan. 17, 1879. *Engineer.*

It appears to have been a mistaken judgment that located the conduit and pumping station where they now are, instead of continuing the force main around on the hard land, and placing the pumps at or near the filter-gallery; but in view of the excessive cost attending any removal of the pumps, and the probable annoyance resulting from litigation in connection with any new right of way, it seems at this late day scarcely worth while to consider this part of the subject at all.

E. W. B.

Approximate estimate for bolted double flange pipe, with rubber gaskets and twenty-four bolts at each joint.

3,436 feet sheet piling and bracing, at 50 cents,	$1,718 00
1,150 piles, 25 feet long, at $3,	3,432 00
Bracing around piles,	1,129 00
3,436 feet double flange pipe, at 1 6-10 cents per pound,	14,185 60
6,864 bolts with nuts and washers, and 286 rubber gaskets,	474 68
3 gates for shutting off,	1,200 00
Teaming, etc.,	3,436 00
Pumping, excavating and bolting pipe, at $1,	3,436 00
Engineering and superintendence,	3,000 00
Contingencies, 10 per cent.,	3,201 00
	$35,212 28

ERNEST W. BOWDITCH,
Engineer.

Approximate estimate for usual cast-iron pipe, with usual lead joint.

3,436 running feet of sheet piling, at 50 cents,	$1,718 00
1,150 spruce piles, 25 feet long, driven, at $3,	3,432 00
Bracing around piles,	1,129 00
3,436 feet cast-iron pipe (24-inch), at 1 1-10 cents per pound,	9,438 00
3 gates for shutting off,	1,200 00
Teaming, etc.,	3,436 00
Pumping, excavating, leading joints, etc., at $2 per foot,	6,872 00
Engineering and superintendence,	3,000 00
Contingencies, 10 per cent.,	3,022 00
	$33,247 00

ERNEST W. BOWDITCH,
Engineer.

D.—1. Letter of J. Herbert Shedd and Edward Sawyer.

To Messrs. Whitney, Lincoln, Humphrey, Whyte, Hunnewell and Griggs, Special Committee on Water Works of the Town of Brookline:

Gentlemen, — In accordance with your request, we have examined and considered the state of things at the source of supply of the Water Works and now report our conclusions.

It is evident that large quantities of swamp water with, apparently, some mud and sand, enter the wooden conduit. If the parts of it which were recently uncovered are an average sample of the whole, the total leakage at the joints must be large; and it is possible that there is some large leak not yet discovered. These openings are fully accounted for by the statement that the planks were put in green. Undoubtedly the planks have shrunk by water-seasoning and the joints have opened in consequence. Half-seasoned plank is commonly and very largely employed for mill-work, under like conditions, and with proper arrangements it seldom gives any trouble either by swelling and *buckling* or by shrinking and leaking.

If the conduit were tight and well laid there would be no danger of its settling or getting out of line in consequence of its lying in quicksand

We believe this wooden conduit can be relaid so as to remain substantially tight, but as it is desirable to have a conduit which the town will be satisfied is safe beyond any question, we recommend the substitution of a 24-inch cast-iron pipe, $\frac{3}{4}$ in. thick, tar coated, and laid with lead joints in the ordinary way. If the pump well were deeper, so as to give more fall from the filtering gallery, a smaller pipe would answer and would be more in keeping with the 14-inch force main, which carries the same water.

The following heights, above mean high water, and lengths of gallery and conduit, will be useful in considering the subject.

Charles River, (height in 1874),	80.50
Bottom of Filter-Gallery,	74.50
Top of Conduit at Filter-Gallery,	77.00
Bottom of Pump Well,	74.50
Top of Conduit at Pump Well,	76.50

Length of West Gallery,	491 ft.
" " Intermediate Conduit,	389 ft.
" " East Gallery,	271 ft.
" thence to Pump Well,	3,047 ft.

The discharge of the conduit was found by Mr. Philbrick, on the 16th and 17th Sept., 1875, to be 1,601,904 gallons in 24 hours, with the surface of the pump-well water at 2.75 above the bottom or at elevation 77.25, or a little higher.

From statements by the engineer, Mr. Flinn, it seems that the normal yield in July, 1878, was about 1,160,000 gallons in 24 hours, with the water 2.30 above the bottom or at elevation 76.80, or 0.45 foot lower than it was drawn in 1875.

These results indicate a loss of capacity in the filter-gallery of about 28 per cent. in three years, if we make no account of the greater head attained in the latter case, which should cause a greater quantity of water to be supplied to the pump. It is beyond doubt, also, that some of the water pumped in July last, came from the swamp.

We understand it to be the opinion of the Water Commissioners that at times in a very dry season the present supply of water to takers is nearly equal to the present yield of the filter-gallery, but that, if occasion requires, the supply may be limited to 600,000 gallons per day.

These facts being taken into account, it appears to be very desirable to increase the available supply of water to the filter-gallery as soon as the conditions are favorable for doing so. As it is necessary to make a new conduit at the present time the opportunity to increase the gallery seems favorable.

It cannot be expected that the extension of the gallery will cause an increase in the flow of water in proportion to the increase in length. The capacity of the works, other than the filter-gallery, has been officially stated at two million gallons per day. We think the gallery should yield water at this rate if the cost of securing it is not too great, and that it would need to be extended to at least double its present length in order to do this.

Between the east and west galleries there is an intermediate conduit which needs to be removed, as the water suffers a marked deterioration in passing through it. The location is favorable for a gallery, skirting the hard land and connecting those at present

built, and the construction of one would add about 400 feet to the length of gallery. The gallery may be extended easterly for a distance of say 450 feet, in a favorable location, and we make the following estimate on the supposition that this is to be done.

These proposed galleries will take the place of nearly the same length of conduit, and while their cost will not be very much greater they will add very largely to the supply of water.

The excavations for the new filtering galleries should extend half a foot below finished grade. The side walls to start at the subgrade and be built up with hydraulic mortar; the spaces between the walls should then be filled up to finished grade with good gravel. Otherwise the form and dimensions to be the same as those of the present galleries.

In addition to an increase in the length of the gallery, we think it very desirable to place the conduit so that the water of the gallery may be drawn lower than is now possible, while the full capacity of the conduit is kept up. The top of the conduit at the gallery is at elevation 77.00 above mean high tide. The elevation of low water in the river is taken at 80.50. In view of the experience of other places it seems desirable to be able to draw the water in the gallery so as to get a greater difference of level than this between the river and the gallery, to increase the amount and certainty of the yield. To do this we recommend that the new gallery be so constructed that the easterly end shall be one foot lower than the present gallery. The conduit should also be laid a foot lower than the present one. This may make necessary a change in the screen at the engine-house and the lengthening of the suction pipe, which is, however, a small matter.

The elevation of the bottom of the conduit would then be from 73.50 to 74.00.

While the new conduit and gallery are building, the town must be supplied with water. We are informed that three days in a week, only, can water be shut off from the pumps.

It is doubtful, under these circumstances, whether there would be any economy in laying the conduit in the present trench rather than in an entirely new location, even at the same grade, and the fact that it is desirable to lay the conduit a foot lower than the present one seems to settle with certainty that it should be laid in a new location.

It will probably be best to lay the new conduit just north of the present one excepting near the westerly end, where it would diverge to meet the proposed extension of the gallery.

Considering the location of the conduit, and all the conditions consequent upon it, we believe the best material to use will be cast-iron and that the present low price of iron pipes brings them within the limit of true economy.

We believe it to be quite feasible to pump the ground water low enough, without disturbing the sand, to allow good lead joints of the ordinary kind to be made.

We propose to place a 24-inch gate in the iron pipe near the gallery and a man-hole next east of it with suitable chamber, covered and locked. Three additional man-holes will be required in the new portions of gallery.

We estimate the cost of doing all this work in the best manner at thirty-five thousand four hundred dollars.

Yours respectfully,

J. HERBERT SHEDD,
EDWARD SAWYER.

E.—2. Letter of Edward S. Philbrick.

Boston, March 15, 1878.

To the Committee on "Impurities in Water," &c., H. M. Whitney, Esq., *Chairman:*

Dear Sir,—Being informed that you had under consideration the propriety of lowering the level of the water conduit and pumping well with a view to drawing the water in the filtering gallery to a lower level in time of drouth in order to increase the supply, I wish to present certain facts which came to my knowledge while the works were being constructed, which may have a bearing of some importance upon this question.

There is no doubt that the supply at the filtering gallery will

soon be less than the demand, if the latter is to include the unlimited use of hose upon lawns in dry weather which was practised last July and August, *i. e.*, the town must either limit the use of such hose or supply more water for them. When constructing the works the probably early extension of the filtering gallery was considered, as appears by the reports of the Commissioners, and land was purchased in a suitable location for the purpose.

It would undoubtedly be practicable to increase the supply *temporarily* by pumping to a lower level; but it appeared when the gallery was open that this could not be done without great risk of its either becoming encumbered with sand drawn in with the water, or the walls undermined by drawing the sand into the gallery from under them. When the trench was opened it was observed that the water came into it much more rapidly in some places than others, boiling up from the bottom in some places near the east or nearer end so fast as to bring in fine sand which accumulated to a perceptible degree during the progress of the work, even though the water was not pumped more than eighteen inches lower than during the month of July last. That is, we rarely had less than a foot of water above the finished bottom during the construction for any length of time, while the ordinary service during July last, as Mr. Forbes tells me, held the water for many days and nights in succession at a level only two and a half feet above its bottom. The influx of sand as it actually took place when temporarily pumped down during construction could not continue for any length of time without destroying the usefulness of the structure. Its influx was definite in certain localities where the sand veins occurred, coming in through the side walls as well as up through the bottom to an extent which would in a few months cause the walls to cave in, or the gallery to fill, or perhaps both. It was this circumstance which governed us in fixing the engine and its pumping well at their present level. And in considering this question we had recourse to the experience of others in similar situations, particularly that related by the late J. P. Kirkwood who has been considered one of the highest authorities on such subjects.

Mr. Kirkwood describes many similar galleries, giving their dimensions and the quantity of water yielded by each, as follows:

Locality.	Yield per sq. foot of bottom in 24 hours.	
Perth, Scotland	121 gallons.	
Angus, France	187 "	
Lyons, "	100 "	
" " new one	147 "	
Toulouse, "	228 "	assisted by side drains.

Brookline gallery, July, '78.... 160 gallons per sq. foot, including walls.
(1,000,000 gallons per day), or.....320 " " " of open gallery.

It thus appears that the average low water yield of our gallery, including the space occupied by its walls, is higher than the yield at Lyons, while some portions of our gallery actually yield for several rods of its length, to my certain knowledge, more than double the *average*. I should put the yield of a portion of the eastern gallery as high as three hundred and twenty gallons per square foot in twenty-four hours, as worked in July last.

In relating the experience at Lyons, Mr. Kirkwood says: "With the view of increasing the supply here without extending the filter basins, &c., a small engine was built at the suggestion of the engineer, and the original pump wells being cut off from the filter works, these wells were temporarily supplied by this new engine. By this action the water in the filter beds was reduced below its ordinary level, the head of the inflow was correspondingly increased and the rate of delivery sensibly augmented. But this increase in the velocity of the inflow through the gravel proved in this case to be in excess of what the circumstances admitted of. The water concentrated itself in springs and brought with it sand in sufficient quantity to risk the undermining of the vault foundations. The maximum for the situation had been overreached. This frank statement, &c., which I have gathered from Mr. Dumont's report, is very honorable to the engineer and very valuable to the profession. The velocity into the filter basin must be very moderate to insure safety to the works and an unvaried purity of supply."

Now I would call your attention to the fact above stated in regard to the influx at the eastern portion of the Brookline gallery. When open to view during construction the inflow did actually "concentrate itself in springs and brought sand with it" as related of the experiment at Lyons.

As this fact taken together with the fact of the present liberal average yield of our Brookline gallery as compared with others may be new to you, I have thought best to present it with some urgency.

I would further remark in connection with the possible lowering of the pump well, that the influx of ground water at that point is so great that such a work could not be done without a considerable risk, apparently, to the stability of the walls of the building and the chimney eighty feet high, which can easily be undermined by using temporary pumps to draw water from the gravel and sand on which they are founded. The influx from the same bed of gravel into the well through the pipe left for the purpose does actually bring some sand and may cause trouble unless checked.

As this is close to the exterior wall the water can be pumped down there, by an outside pump *close to the spot*, while the hole is refitted with pipe, with far less risk than for the lowering of bottom of the pump well itself, for this is some thirty feet distant from the nearest place where a temporary pump could be put in, requiring the water to be held at a level two or three feet lower during such change, than would be necessary to stop the present spring holes. I would further say that while pumping the water down in replacing the conduit when the wooden box was put in, more or less sand was drawn from under the foundation of the building, causing it to settle slightly, and great care will be needed in prosecuting any such work there in future to avoid such results. I name this as one reason why a conduit pipe which could be put together under one or more feet of water would partly avoid this risk, by limiting the length of time during which such deep pumping need be done to the few hours needed for stopping the spring holes.

If the subject of an extension of the filtering gallery comes under your consideration I would suggest that the digging of a few shallow wells next August would indicate the best position for such extension.

The present gallery cost $8.44 per lineal foot, and at present prices could doubtless be constructed for less. I have no doubt that three hundred feet of new length, properly located, might add fifty per cent. to the present supply, at a cost of $3,000, or less, using the information gained while constructing the present

one as to the locality of the best material which does *not* lie directly beyond the further end of the present work.

Yours very truly,

EDWARD S. PHILBRICK.

F.—2. Letter of J. Herbert Shedd and Edward Sawyer.

Providence, March 29, 1879.

Messrs. Whitney, Lincoln, Humphrey, Whyte, Hunnewell, Griggs, Special Committee on Water Works of the Town of Brookline:

Gentlemen,—Since our communication to you in regard to a new conduit for the supply of water to the engine, for the public Water Works, we have given attention to your request that we consider the question of a removal of the pumping station to Cow Island near the filter-gallery.

At the first thought it seems unlikely that sufficient reason for a change could exist to warrant the abandonment of the expenditure already made at the present station, and the incurring of the expense and inconvenience necessary to establish a new one. But the great cost of the proposed conduit, which is largely due to the need for increasing the supply of water to the engine, and the unsatisfactory condition, in some respects, of the present works, combine to make a change desirable.

It is quite evident that a large expenditure for the improvement of the work in one way or another is necessary. And the importance of the case calls for a careful consideration of the plan for improvement. The mere restoration of the present conduit would not be permanently satisfactory.

The estimated cost of the plan already proposed is $35,400, but, while this would add more than its present length to the filter-gallery and allow a deeper draught of the water, it would also make necessary the lengthening of the suction pipe of the engine to fully avail of this advantage. It has been reported that the engine does not work up to its full speed, when the water in the

pump well is at its present low water level, with that smoothness which is desirable.

A drain pipe laid near the foundations of the engine-house and pump well, and discharging into the pump well, delivers sand with the water in amount sufficient to cause large cavities, or settlements of the structure, in the course of time. The engine-house is cracked and the engine is out of position from this cause as is supposed. The permanence of the works here cannot be secured unless this flow of sand is effectually stopped. It is our belief that this can be done so as to stop any further escape of sand; but we cannot know to what extent cavities already caused may exist, nor the effect such possible cavities may have upon the foundations as the sand gradually changes its position around them.

A removal of the pumping station to Cow Island would enable you to locate the engine and pump well at a level better suited to the required work. The foundation could also be made secure, whether it be in sand or gravel.

If the engine is moved to the Island a force main, which can be laid near the surface of the ground, will be substituted for the conduit which would need to be laid deep, and, for a large part of the distance, in quicksand. The present force main from the engine to the stand pipe is fourteen inches in interior diameter. At the present price of iron pipes this diameter is too small for economy. The velocity required for a discharge of water at the rate of two million gallons in twenty-four hours is two and nine-tenths feet per second and the loss of head required for the passage of this amount of water for the distance between the present pumping station and the proposed new station will be about seven and one-quarter feet. We had not estimated this loss of head at the time of our oral discussion of the matter with you a few days ago, but assumed the statement of the constructing Engineer of the works to be correct when he reported it in his description of the works as "over three feet," in a connection indicating that it was very near three feet. The real loss of head, as now found, will require a much larger sum than we named as representing the extra cost of pumping at the new station, if a fourteen-inch force main is used. But the value of the saving in head against the engine, by the use of a force main sixteen inches in diameter is greater than the extra cost of the larger pipe, and we therefore estimate for a sixteen-inch

force main in the scheme we recommend. Such a main delivering at the rate of two million gallons in twenty-four hours, would pass the water at a velocity of 2.21 feet per second and the loss of head will be about 3.62 feet. There is not much choice between a sixteen-inch pipe and one eighteen inches in diameter for this place, but we give the perference, on the whole, to the sixteen-inch size. The loss of head through the proposed conduit would be about 0.47 foot, so that the net loss from passing the water through the force main rather than through the conduit will be about 3.15 feet or an increase of pressure against the engine of about one and one-third pounds when it is delivering at the rate of two million gallons of water per day. When the engine is run at a slower speed the pressure will be less. At the present rate of pumping the pressure gauge at the engine shows about 75⅝ pounds and the distance below the gauge to the water in the pump well is equivalent to about 8⅝ pounds more, so that the engine works against about 84¼ pounds pressure. This pressure is somewhat greater than would appear to be necessary for the work done and there are indications that it has increased since the works were finished. While the data, upon which we estimate the present unnecessary resistance against the pump, are imperfect it seems likely that this may be sufficiently diminished to overbalance the increased pressure which would be caused by the removal of the pumping station to Cow Island.

The low water level of Charles River opposite the filter-gallery has been stated at 80.50 feet above marsh level or mean high water about Boston. Without passing upon the question of the source of supply of water to the filter-gallery, it is evident that the level of the water in the river is the most convenient guide to the level of that source and that it cannot be far from correct. The low water level of the filter-gallery, if taken at the top of the conduit leading from it, is at elevation 77.00 so that a difference of level of 3.50 feet is available to induce a supply of water to the gallery during the summer when the greatest demand for water exists. Your attention has been called to the natural filter-gallery of Lyons, in France, for the purpose of drawing comparisons with the Brookline gallery. At Lyons the difference of level between the river and the gallery at the lowest stage of the river is 4.50 feet, and ordinarily it is 6.50 feet. At Lyons the average distance of the gallery from the

river is about forty feet, thus allowing a much steeper slope of the ground water between the river and the gallery than is possible at the Brookline gallery. The floods at Lyons rise from 10 to 15 feet above the ordinary level, while in Charles River, at Cow Island the floods rise about 7 feet. Mr. Dumont, the Engineer of the Lyons works, states, as quoted by Mr. Kirkwood,—"that of the two elements required in certain proportions for a free delivery of water in a filtering gallery, area and depth, the last is very much the most important." By depth is meant "more particularly, head, or difference of level between the surface water of the under flow in its natural state and that water when drawn down in basins, or otherwise, by artificial means." Mr. Kirkwood goes on to state that while this is true, the velocity of flow must not be so great as to carry sand into the basin. He then gives an instance, as has been quoted to you, of an effort to lower the water experimentally at Lyons, resulting in such inflow of sand. But it is not stated how much the water was lowered by this experiment nor what velocity was found sufficient to move the sand. The tenor of the whole story about the Lyons works, as we regard it, is to the effect that the pumping engines were located too high and the Engineer's frank admissions are commended by Mr. Kirkwood.

There are two common ways of estimating the yield of natural filter-galleries, neither of which is quite satisfactory, and as the two modes ordinarily diverge from the truth, in different directions, both are used to aid a guess as to the supply. One mode of estimating the yield is by the square foot of open bottom. That this mode is inexact is evident from the fact that for the same location the wider the gallery the less the yield per square foot. This must be so from the nature of things, and it is proved by experience. As the water of a gallery is drawn down the water in the ground nearest to the gallery runs in to supply its place, leaving a space to be filled by the water behind it until finally a slope is established toward the gallery, in the surface of the ground water, which may be considered permanent for a given supply and a given demand. The velocity of the water approaching the gallery in a given material depends upon this slope, and the slope depends upon the closeness of the material. Now as the surface of the water on a cross section of the filter-gallery is level, and the ground water, in order to reach a square foot of open bottom in the

middle of the gallery, must pass through a greater distance of earth than to reach the sides of the gallery, it is evident that the velocity of the water entering the gallery in the middle must be less than at the sides. It follows from this that in a very wide gallery the average yield, per square foot of bottom area, may appear to be moderate, and yet the velocity through the bottom, near the side walls, may exceed the safe limits of stability for the material through which it flows.

From the records of experience, illustrating the fact that wide galleries deliver less water per square foot than narrow ones, we will cite the following:—At Lyons, the whole filtering area, having an aggregate width greater than the new gallery in the same bed of gravel, has a yield of about 101 gallons per day, per square foot of bottom, while the new gallery, which is 33 feet wide, has a yield of 147 gallons. It may be mentioned that the new gallery is nearer the river. At Toulouse the old galleries are higher and farther from the river than the new one, but they are narrower, being only 1′ 8″ wide, and they yielded at the rate of about 372 gallons per square foot of bottom area, while the new gallery in the same bed of gravel, and nearer the river, but 7′ 6″ wide, is stated by Mr. Kirkwood to yield 288 gallons per square foot. As between the new galleries at Lyons and Toulouse, the gallery at Lyons, 33 feet wide, yielded 147 gallons per square foot, and that at Toulouse, 7½ feet wide, yielded 288 gallons per square foot. The gallery of the Brookline works, which is 4 feet wide, appears to have yielded, during last summer, at the rate of about 380 gallons per square foot of bottom area. According to the plan already reported to you we proposed to limit the maximum average yield to about 310 gallons per square foot.

The other method of stating the yield of a natural filter-gallery is by the foot of length of the gallery. This is obviously inaccurate because the increase in width has a certain value, although that value lessens as the width increases. Mr. Kirkwood states the yield at Lyons, for the new gallery, 33 feet wide, at 4,833 gallons per foot of length. And at Toulouse he states the yield of the new gallery, 7½ feet wide, to be 2,462 gallons per foot of length. The Brookline gallery yielded, last summer, at the rate of 1,522 gallons per foot of length, and as proposed to be enlarged the maximum yield would be 1,241 gallons per foot in length.

Other instances of the yield of natural filter-galleries, both by the square foot of bottom and the foot in length, could be given but it seems unnecessary. We see nothing, in any case within our knowledge, to discourage the lowering of the Brookline gallery for the purpose of increasing its available supply, and certainly no one could object to its extension as we propose for that purpose. The increase of supply by lowering it can be secured for much less money expenditure, so far as the gallery is concerned, than an equal increase of supply by extension.

Mention has been made to you of the tendency of the incoming water in a gallery to break into springs and thus to flow with great velocity in spots, when a gallery is heavily drawn upon. Such a tendency in water flowing through the ground is to be commonly observed, and we should not think of allowing work in our charge to go out of our hands without first providing ample and permanent safeguards against injury from such a cause. The average rate of velocity through the bottom of any gallery is extremely small, for instance: the maximum rate in the enlarged gallery already proposed to you would be about 0.00048 foot per second. This speed must be increased at least a thousand times, by concentration in spots, before the velocity through even fine sand would approach a condition dangerous to stability. It can be readily seen, therefore, that a very moderate diffusion of such a spring as is likely to arise in this gallery, would prevent the possibility of mischief. A perfect diffusion can be secured by excavating the sand around and in such a spring and filling the space with pebbles and gravel. This process can be extended over the bottom of the gallery to any desired extent, and even if the whole bottom should be covered in this way, the expense would not be great, while the remedy be perfect. The localities where springs would tend to break out can be discovered by drawing upon the water of the gallery at a much more rapid rate than is to be allowed after the works are put into service.

Mr. Kirkwood says, and experts generally agree that "the lower the gallery can be carried below the lowest stage of the river, the more safe and abundant it is said will be the supply."

To illustrate the value of greater depth in increasing the supply to a gallery, we will give a few facts observed during a trial of the natural filter at the Newton Water Works, in December, 1877.

The basin is situated on the bank of Charles River, between two and three miles below the Brookline works. During the trial, which was conducted with care, to provide against errors of any kind, the flow increased, as the water was drawn down, more rapidly than the difference of level between the river and basin. The storage in the basin and in the ground adjoining the basin, is eliminated. When the water in the basin averaged 3.50 feet below the level of the river, the inflow was 1,015,000 gallons in twenty-four hours. When the basin had been drawn to seven feet below the river, the inflow was 2,307,000 gallons; thus showing that doubling the head caused more than two and one-quarter times as much water to flow into the basin. The inflow, at other differences of elevation between the river and the basin, was as follows:

Head.	Inflow.	Increase of Head per cent.	Increase of Inflow per cent.
3.5	1,015,000		
4.0	1,179,000	14.29	16.16
4.5	1,360,000	28.57	33.99
5.0	1,542,000	42.86	51.92
5.5	1,724,000	57.14	69.85
6.0	1,908,000	71.43	87.98
6.5	2,103,000	85.72	107.20
7.0	2,307,000	100.00	127.29
7.25	2,412,000	107.14	137.64

It will be noticed that the gain of inflow over the gain of head is greater as the head increases. Or, in other words, while the increase of head is regular, the increase of inflow is accelerated as the head increases.

The new gallery may be built as low as proves judicious, on the whole. The old gallery need not be drawn lower than proves safe and advantageous, and no danger need be incurred in doing this. It is not claimed, as we understand it, that danger may exist except in the eastern portion of the eastern gallery, and, although we cannot foresee occasion for it, this can probably be rebuilt to be made quite safe for about sixteen hundred dollars.

We conclude upon a review of the whole matter, that the Brookline gallery can be safely and advantageously lowered, and we advise that course.

By removing the pumping station to Cow Island you will be able to secure the greatest economy in the location of such new

gallery as it is now necessary to build, and you can postpone, until actually needed, extensions which should otherwise be constructed immediately. It will be unnecessary to draw the water in the present gallery as low as will be profitable in the new, while the lowering of the water-table and a partial supply of the demand by the new gallery, will lessen the pressure upon the old.

It has been suggested that the force main laid across the meadow is likely to be under water about three months of the year and would therefore be difficult of access. This is equally true of the conduit, and we think the probability of need arising for getting access to either pipe at such times is almost infinitely small. If access to the force main, when it is under water, should become necessary, a cofferdam can be built about the spot, and the pipe examined or repaired.

The location which seems most favorable for the new pumping station lies easterly from the easterly end of the present gallery, and the gallery may be extended about one hundred and seventy-five feet to a point convenient of access for a pipe from the pump well. This extension would lie in ground apparently most favorable for a large yield of water, and a further branch gallery could run from it, in other favorable ground, when a further supply is needed.

We estimate the cost of the proposed new work as follows:

Engine house, including drainage, heating, etc., pump well, conduit, and screen chamber,	$15,000 00
Grading, including roadway,	900 00
Removing engine, and boiler, etc.,	1,400 00
Force main, 16″ diameter,	8,335 00
Gallery 175 feet long with man-hole and dam,	2,250 00
Engineering,	1,500 00
Total,	$29,385 00

This estimate does not provide for the construction of a gallery between the two galleries now built; if that is done, the additional cost is estimated at about four thousand eight hundred dollars.

The cost of a new engine and boiler which will soon be needed, will not be affected by the location, as the sum to be expended would be about the same whether at the present station or at Cow Island.

The estimates provide for substantial and creditable work with

ample room for the engines, boilers and coal. The driveway will be in continuation of Grove Street, and the coal may either be run into the top of the coal-bin from the higher portion of the driveway, or hoisted, so far as may be necessary, from a pit near the building, and alongside the lower portion of the driveway.

It is supposed that the present engineer's house, with a small lot of land, may be sold for a thousand dollars, and perhaps more. This sum, together with such bricks and other materials as may be used from the present pumping station, will, it is believed, be sufficient to build a house equally good at the new location.

We make no definite estimate of the value to be gained by a removal from the present quicksand foundation, nor for the gain from the lower level of the engine. Against these advantages must be set the extra cost of pumping the water to the higher head required by the new location, estimated to require about fourteen and one-half tons of coal per annum when the full legal quantity of water is pumped every day in the year.

Our estimate of the cost of constructing a substantial iron conduit, and sufficient new filtering gallery to supply water to the present station, is $35,400. This does not provide for stopping the flow of quicksand from the present foundations, nor for repairs which may become necessary from the escape of the sand. Our estimate of the cost of removing the station to Cow Island is $29,385. This does not provide for so much extension of filtering gallery as proposed by the other plan, but it is intended to place the gallery deeper, and we think the supply of water from the gallery now proposed will be sufficient for many years to come.

Reviewing carefully the advantages and disadvantages of the proposed plan, we conclude, upon the whole, that it will be for the best interests of the town to remove the pumping station to Cow Island.

Respectfully yours,

J. HERBERT SHEDD,
EDWARD SAWYER.

G.—Proposal of Mr. James Driscoll.

Brookline, April 7, 1879.

To the Brookline Water Committee:

The undersigned hereby proposes to do the work described below during the months of July, August and September next, beginning when called upon, for the following prices named below, to be paid for on completion of the work to the satisfaction of the Water Board.

To excavate the water conduit from the filtering gallery on Cow Island to the pumping well near Baker Street, West Roxbury, taking out the wooden box in sections, and to refill around the new pipe to be put in in sections as required; to furnish all plank found necessary for bracing the trench as dug out, and to move the old sheet piling back wherever it is too narrow to allow the new pipe to be put in proper line and calked; to do all the pumping of water from trench that may be needed to keep the water as low as three inches on the floor of trench when the joints are being calked; to leave the trench every night in a reasonably clean state to enable a water supply to be drawn through it during the nights and on such days as the work may be interrupted from other causes; to remove to the pumping station, after completion of the above, all the plank from the old box conduit which may not be used for blocking, etc. All for the price of *two dollars* ($2.00) per running foot. It being understood that from 2,500 to 3,000 feet of such work will be done.

Also, if required, during same season, to extend the present filtering gallery from its present eastern end eastward, in the place of the present conduit, about 200 feet, making tight brick ends of 12 inches thickness, and building the work essentially as before as to form and depth; also to pack clean gravel behind the walls, to keep sand from working in, and to connect with an iron flange pipe at the eastern wall, extending brickwork for three feet along said pipe and 18 inches thick all around it; also to build one brick man-hole over an iron gate near west end of conduit, similar to those now built over conduit and put on one of the old covers, all for the price of *six and one-half* dollars per running foot of gallery, measured from outside to outside of end walls, and seventy-five

dollars for the man-hole. Also to haul from some wharf in Boston where they may be delivered, and to deliver along the work, and to lower into the trench and put in line, and block up ready for calking as directed, the 24-inch iron pipes weighing about a ton each, including the iron gate and special castings which may be required, all for forty-seven cents per running foot. It being understood that this work on conduit will be begun at both ends and connected where convenient.

Also to construct a branch filtering gallery similar to the old one, with bottom five feet below low water of 1874, or one foot higher than foundation of old one, from the eastern end of the old western gallery, branching out nearly at right angles with the old one and following along northwestern side of the high ridge of gravel towards the river, at the rate of six and one-half dollars per running foot, including two frames for stop plank and plank for same three feet long, with man-holes over them with stone curbs like old ones, for access, at one hundred dollars each, without the arched passage, but planked underneath with 4-inch plank. If same level at bottom as original gallery, price per foot will be seven and one-half dollars.

JAMES DRISCOLL.

H.—Estimates and Suggestions submitted by E. S. Philbrick, Esq.

Brookline Water Works, 1879. *Estimate of Cost of Replacing Conduit and Providing an Increase of Water Supply.*

Digging out and refilling trench, pumping, etc., as per proposal of J. Driscoll, per foot,	$2 00
Hauling pipes and placing same, as per proposal of J. Driscoll, per foot,	47
Iron pipe, 185 pounds, at $26.75 per ton (Warren Co.),	2 20
Lead gaskets, 40 pounds, at 4 cents ÷ 12,	13
Calking joints, 60 cents each ÷ 12,	05
Total per foot,	$4 85

2,800 feet, to replace, at $4.85,	$13,580 00
One 24-inch iron gate, composition slides,	255 00
One man-hole over same,	75 00
3 iron man-holes in swamp,	95 00
Special castings for same and ends,	110 00
Inspection and superintendence of work,	700 00
200 feet gallery at east end of old one (Driscoll's bid),	1,300 00
New floor in spring chamber, 300 brick,	50 00
Levelling up pump,	25 00
All work, exclusive of increased supply at Cow Island,	$16,190 00
New gallery at Cow Island, 600 feet, at $7,	4,200 00
Total,	$20,390 00

The cost of replacing conduit one foot deeper than before is rather uncertain. No offer can now be had for doing the work for less than $4 per foot additional, costing about $11,200 more than to replace it at the present level. Such an increase of depth would avail nothing unless the pump well were also lowered *two* feet. This could hardly be done without an unwarrantable risk to the stability of the buildings and chimney, owing to the large influx of ground water. In short, if it were necessary to get such increase, such a plan would appear to involve a change in the locaon of the pumping station. In considering the propriety of such a step the following reasons are suggested:

First. Securing a better foundation for the pumps.

Second. Securing an additional water supply from the present gallery, by pumping the water to a lower level.

The first reason is not justified by facts, *i. e.*, the *material* on which the present buildings and pump stand is a coarse, pebbly gravel, superior to the gravel on Cow Island, which contains a larger proportion of sand.

The difficulties arising from sand in such a case are that it is likely to work its way into the pump well, and leave voids, causing the walls to settle. The influx of ground water at the present pump well is an example of this, but it can be readily stopped out by 300 brick, to replace the small chamber floor where the floor was broken up two years ago by pounding it. The deeper we pump, the more difficult to keep out such ground water and sand, Witness the pump well at Newton, where the sand is said to have come in through the bottom of the well in such quantity as to ren-

der it unstable, while the pump had settled after two years' use so it had to be levelled up last year, and now needs to be levelled up again, and while the sides of the filtering basin are caving in and causing much trouble and annual cost. * * *

The replacing of the sand now in bottom of the Cow Island filtering gallery by gravel will be very costly, while its liability to come in again if pumped low would involve repeated cleaning out. This could not be done without two portable steam pumps, working night and day, to hold the water down, for the stationary pump could not, without injury, pump the water filled with grit while the sand is being removed. The gallery being only four feet high inside, no fair chance is to be had for workmen to use ordinary tools or to use their limbs to advantage. In short, the work was not built for such a purpose.

The additional volume of water to be obtained by pumping deeper is at least problematical after the first few days. The present gallery is too far from the river to allow the additional head to operate sensibly in bringing water from the river itself directly. Even at Newton, where the gallery is but forty or fifty feet from the river throughout its whole length, I am informed by men in charge that they now pump the water all out of the basin in a few hours, after which it fails to supply their pump fully.

It has been estimated by our Water Board that the present galleries on Cow Island can be relied on for about 900,000 gallons per day in dry weather.

If 600 feet of new gallery were judiciously located, it would bring in a new supply of over a million gallons per day for the material where such work would be done.

West of the present work and opposite the east end of the present western gallery, appears more favorable than any we now draw from, *i. e.*, the gravel is coarser, and being near the river and far from our old gallery, the supply so obtained would not be likely to come from the same springs which now supply us.

The estimates above submitted are *bona fide* proposals for all the principal items.

The estimates for erecting a new pumping station are subject to increase by the arising of unforeseen contingencies, and are at best based on *opinions*, not *offers*.

The cost of putting in reliable foundations in a sandy soil, some

ten feet below the ground water, is always uncertain, and these foundations sometimes fail as they have at Newton, involving much vexation and subsequent cost.

It is doubtless advisable to furnish water in quantity sufficient to run one engine at full speed, say two million gallons per day for short periods for the sake of emergencies; but it must be borne in mind that the town is limited to an average quantity of only one and a half millions, and that the present lavish use of the water in July and August last, if not checked, will soon be found to exceed our legal rights to draw the water. In short the works were never designed to supply water for purposes of *irrigation*, but for *domestic* wants. The methods of using the water should be kept within the genuine *domestic* uses. We should not now exceed a half million gallons per day, as the records will show.

It becomes a serious question, then, whether it is worth while to spend money to provide water for other purposes than were intended when the act was obtained by which the town draw the water. If so limited, the proposed extension of the filtering gallery will be adequate for the full amount now authorized to be taken, with an ample margin for irregularity in the rate of pumping, while, by limiting, as heretofore, the level to which water is drawn in the gallery to three feet below the river at low water, no risk will be incurred of the influx of sand and the consequent cost of removing it or impairing the stability of the work.

Quantity of water to be got from present gallery depends more on recent rains, and whether ground is soaked or dry, than upon relative level in river and gallery.

Proof. After pumping several days last July, the gallery was reduced to a level of 77.00 or 3.8 feet below the river, yielding only 1,010,000 gallons during the last day; while on March 26th and 27th, 1879, the pump was run for several days in succession, the gallery yielding 1,470,000 gallons in twenty-four hours, with a difference between river and gallery level of only 3.2 feet. (See Records.)

In fact we draw from a great gravel bed as from a reservoir and if any from the river it must be in a very remote way.

Tendency of all such filtering basins to fill up their pores where remote from the rivers. If we branch out and go nearer river, we get more reliable supply than if we pump the gallery down.

As to settlement of engine:

After reading Mr. Flinn's report I was prepared to find the brick walls under the pump cracked and showing settlement. But no such cracks exist and no appearance of settlement. In fact no evidence of it, except from supposed increase of friction. Mr. Flinn says it is possibly 1-8 inch out of line.

No dangerous settlement can occur without cracking foundation.

Pump can be levelled up in line for an outlay of $25, and ten days' time. Flinn can do this himself, having set up the engine when it came there, and says he can do it in ten days, judging from experience at Newton.

Mr. Johnson Worthington's agent at Boston agrees to this.

If reckless consumption is not checked next summer the new gallery should be made before taking up conduit. So the engine can pump more water in a limited time than last summer.

New boiler and possibly spare engine should also be supplied early in the season to meet contingencies.

REPORT ON WATER SUPPLY.

The Committee appointed "to examine the cause of the alleged impurity of the Water from Charles River" beg leave further to report, that, in accordance with the following vote of the town, viz.:

"*Voted*, That the report be referred back to the Committee, with instructions to secure engineering advice other than that of those whom they have already consulted; and that the sum of five hundred ($500) dollars be appropriated for that purpose,"—

they have consulted General George S. Greene, of New York, and herewith submit his

REPORT.

To the Special Committee on the Supply of Water of the Town of Brookline,—

SIR: At your request I have the honor to present the following Report:

From the printed reports which you have placed in my hands, the conversations with your Committee and Messrs. Philbrick, Shedd and Sawyer, Civil Engineers, and from an external examination of the water works and the sites for any additions or improvements, I have gathered the following facts, viz:

(1) That the supply has diminished and is now inadequate to your wants.

(2) That the conduit or induction pipe requires renewal.

(3) That there has been a considerable washing out of sand from below the masonry of the pump

wells, and probably of the masonry supporting the engine and pumps.

(4) That there has been a slight settlement of the masonry supporting the pumps, causing a small derangement in the machinery.

(5) That at the lowest stage of water in the pump well (2.3 feet above the floor) there is a lift of about 21 feet to the pumps by atmospheric pressure, by which the engine loses slightly in efficiency.

(6) That a suitable position is found on Cow Island for the pumping station and accessories.

Two suggestions or plans have been presented by which the existing defects may be remedied.

First, by enlarging the filtering galleries by replacing the wooden conduit by a 24-inches iron pipe, and by closing the hole in the pump well to prevent any further washing of sand from the foundation of the pump wells, etc.

The estimate for this work, exclusive of enlarging the Filtering Galleries, as presented by Mr. Philbrick, is as follows, viz.:

2800 feet of 24-inches iron conduit pipe laid,	$13,580
One 24-inches iron gate, composition slides, .	255
One man-hole over same, ...	75
Three iron man-holes in swamp, ...	25
Special castings for same, and ends, ...	110
Total for these items, ...	$14,045

Second, to remove the pumps and engine to Cow Island and rebuild the engine-house, etc., there; replace the conduit by a 16-inches force main from the pumps in their new position to the 14-inches force main at the existing pumping station, the new force main to be laid on the existing conduit. The engine and pumps to be placed at a lower level, sufficiently high to be out of the floods on Charles River, and the new filtering galleries to be at a lower level.

The estimate of the cost of this work, exclusive of Filtering Galleries for a comparison with the above, is as follows, as presented by Messrs. Shedd & Sawyer, viz.:

Engine-house, drainage, etc., pump-well, conduit and screen chamber,	$15,000
Grading, including roadway,	900
Removing the engine, pump and boiler,	1,400
Force main, 16 inches diameter,	8,335
Total,	$25,635

Difference (excess of cost of second plan), $11,590.

Either of these plans is feasible so far as construction is in question.

The 24-inches conduit pipe could be laid in the position occupied by the wooden conduit, with leaded joints, without any increased expense beyond lowering the water so that the workmen could get at the pipes in position. The pipes could be laid in water with the ring lead joints, the pipes being laid to their level and forced into connection by hydraulic presses. The 16-inches forcing main could be laid over the conduit, and only sufficiently low to secure it from frost; the water could be drawn down by the conduit to lead the joints of the pipe in position. A plan proposed by W. E. Worthen, Esq., Civil Engineer, by inserting a circular iron wedge in the lead, would enable the caulkers to work under water for any recaulking which may be required. The laying either pipe on the line of the conduit presents no difficulties not readily surmounted. The prospect of increased contingent expense in laying the 24-inches pipe is much greater than for the 16-inches pipe, in consequence of the greater depth below the normal water surface at which it is to be laid.

In any plan for increasing your supply and its permanency, the main point to be considered is, where does the water come from. In your case, undoubtedly from two sources; from the permeable gravel of Cow Island and that which lays below the level of the plane of the surface of Charles River; the first source, being at a greater height, is first available. This water, from the limited extent of the high ground on Cow Island, is soon exhausted and your supply consequently reduced; while the other source, the permeable gravel below the level of the surface of Charles River, is inexhaustible for your wants, and the practical question is, how extensive the filtering galleries must be to supply your wants. To ensure this supply I think your pumps should be placed as low as the floods of Charles River will admit, and that the bottom of the pump well should be as low as 72.25 feet of the high water datum, and that all new galleries should be 72.5, or 2 feet lower than those now built. This, with the opportunity of extending the galleries toward the river, will, I feel confident, ensure a permanent supply. How much extent of gallery should be built will be determined by experiment. The extension of the eastern gallery eastward may be first made and other additions as required.

These considerations bring us to the conclusion that the pumping station should be moved to Cow Island, by which change only the lower level of the filtering galleries could advantageously be obtained. I think that the additional cost of this plan as estimated (less than $12,000) will be well laid out, when

thereby you place your works in a position for obtaining with certainty an abundant permanent supply of water; while it is doubtful if this can be obtained permanently with the pumps in their present position and elevation. And you will also get rid of whatever danger there is of settlement of the foundations of your pumping station, which, though apparently not great, will always be a cause for anxiety for the permanency of the works.

In extending the galleries, the ground east of the eastern gallery, extending towards the new position for the pumping station, will properly be first occupied. This eastern gallery was observed to furnish water most abundantly, which may have been due to a more permeable gravel; but was, I think, mostly due to its nearer position to the river and the fact that the gravel bank at that place extends to the river without any intervening marsh or peat. In this case, as in all others, the filtering gallery should be kept in the free gravel, and all peat or vegetable matter removed for a distance of twenty-five or thirty feet and refilled with clean gravel or sand. In placing the bottom of the new galleries at 72.5, or 2 feet below the old galleries, the deposition to be made of the existing eastern gallery is to be determined by experimenting further on its condition at a low stage of water, whether it shall be rebuilt or lowered, or remain in its present position and height and a conduit built around it to carry the water from the new galleries which may be required to be built at a lower level between the existing galleries or on the gravelly ridge south of the conduit between the galleries, or south of the western gallery and nearer the river,

which are sites for the future extension of the galleries as they may be required. The western gallery may very well remain as it is; but if it should be found to be a proper economy, it is preferable to lower the eastern gallery and make it the conduit from the other galleries west of it. It would be very advantageous to have the galleries built six feet high, so that they could be entered at low stages of the water, and the effect of the springs examined and the proper and safe height of the water determined, a point of much interest to you in determining the future extensions of your works. For increasing the discharge of the filtering galleries, which may be built in the gravelly ridges near the river, should such increase be necessary, canals can be made in the gravel, connecting with the river and parallel, or nearly so, with the galleries by which water can be brought directly to the filtering gravel. These canals can be readily cleaned and thus the filtering medium always kept in good condition. I do not think resort to this plan will be necessary for long a time; but it is well to consider the means of obtaining an ample permanent supply. As to the precise site for the Pumping Station, it is not material to this discussion. Sufficient has been shown by the investigation to determine that a proper site as to foundation and convenience can be found near the end of the conduit on Cow Island.

I will report concisely the above conclusions:

That you can obtain all the water you desire by extending your galleries at a lower level on the available filtering ground on Charles River near Cow Bay.

That it is desirable to build the new galleries at a lower level, viz.: 72.5 feet of the high water datum.

That it is necessary for the certainty of the supply to place the Pumping Station on Cow Island near the filtering galleries, and at as low a level as will place it in safety from the flood water of Charles River.

The difference of the cost of the twenty-four-inches and sixteen-inches pipes makes the balance for moving the Pumping Station as estimated, $11,590 as before stated.

Respectfully, your obedient servant,

GEORGE S. GREENE,

No. 104 East 20th St., New York,
May 26, 1879.

Civil Engineer.

General Greene is a graduate of West Point, President of the Society of Engineers, a man of large practical experience, and in the first rank of engineers throughout the country. The Committee renew their recommendations to the Town to remove the Pumping Station to Cow Island, and offer the following vote:—

Voted, That the sum of thirty-five thousand ($35,000) dollars be appropriated for moving the Pumping Station to Cow Island, including new house for Engineer, new relief engine, and force main to connect with the force main at the present location of the Pumping Station, and that this sum be borrowed upon the Water Bonds of the town, and that the sum of ——— be appropriated from the taxes of the present year for a Sinking Fund, as by law provided; and that the work be done under the direction of the Water Board, with Messrs. Shedd & Sawyer as consulting and superintending engineers.

Respectfully submitted,

HENRY M. WHITNEY.
WILLARD A. HUMPHREY.
WILLIAM H. LINCOLN.
OLIVER WHYTE.
WILLIAM J. GRIGGS.
FRANCIS HUNNEWELL.

SUPPLEMENTARY

REPORT

OF THE

BROOKLINE WATER BOARD.

BOSTON:
F. A. SEARLE, PRINTER,
262 WASHINGTON STREET.
1879.

hundred feet; also in Harvard Place, a distance of three hundred feet; also in Aspinwall Avenue, from the present termination of the water main, opposite Toxteth Street, southerly, a distance of four hundred and fifty feet, at an estimated cost, in the aggregate, of $890, and the same be charged to the extension of water works.

Voted, That there be appropriated for the extension of water works, the sum of $3,100, in place of $2,500, as recommended in the Auditor's Report.

OLIVER WHYTE,
F. HUNNEWELL,
WILLIAM J. GRIGGS,
Brookline Water Board.

BROOKLINE, April 4, 1879.

TREASURER'S REPORT

OF THE

COST OF THE

Construction, Extension and Maintenance

OF THE

WATER WORKS

BEYOND THE SALE OF THE BONDS.

LOCATION OF STATION STREET,

AND

REPORT OF THE SELECTMEN

UPON THE

ARTICLES IN THE WARRANT

FOR

THE TOWN MEETING

TO BE HELD

FEBRUARY 11, 1879.

BOSTON:
FRANKLIN PRESS: RAND, AVERY, & CO.
1879.

LOCATION OF STATION STREET.

THE undersigned, Selectmen of the Town of Brookline, having given printed and written notices to the Boston and Albany Railroad Corporation, John Panter, and the Most Rev. John J. Williams (being all the parties known to us, or believed by us, to be interested in the subject-matter of the street hereby laid out), that we intended to lay out a street leading from Harvard Square or Washington Street to the new station of said corporation, and for this purpose to take lands coming within the lines of the location of such contemplated street, such notices requiring such persons and corporation to appear before us at our room in the Town Hall on Monday, the sixth day of January, 1879, at four o'clock in the afternoon ; and having caused such notices to be actually served according to law upon such persons and said corporation by a constable of this town at least seven days before the day so appointed for the hearing ; and having also given notice to them and all other persons and corporations (if any) who may be interested in the subject-matter of said street, whose names are not known to us, or who have no place of abode in town, or who have no tenant or authorized agent therein known to us, by posting up the same written and printed notices in three public places in the town at least seven days before said time appointed for the hearing : pursuant to such notices, we met at the time and place appointed, and, after hearing the parties and their remarks and objections, and the route of the street as hereinafter described having been viewed and examined by us, after fully considering the subject, do adjudge that it is necessary for the public

safety and convenience that a street, called by us Station Street, should be laid out and maintained by the town, leading from Harvard Square or Washington Street to the new station as hereinafter described. The street takes in all the land lying west of the faces of Panter's brick block, called Colonnade Building, and the present lines of Harvard Square, Washington Street, and the stone abutment of Washington Street (this strip of land being of varying width); and also a strip of land, forty feet wide throughout, lying south of the south face of said building, and the line of said south face extended south-westerly to said abutment, and north-easterly through the stone wall of said corporation, near the east end of the new station. This line crosses the boundary-line between the corporation and land of Archbishop Williams at a point twenty-five feet from the north line of the location of said railroad, measuring on such boundary-line. And, for further description of said proposed street, reference is hereby made to Walter Shepard's plan of said proposed street, dated Dec. 10, 1878, verified by our signatures, and which is to be considered as part of this record.

And we take land for the construction of said street, as hereinafter described: —

From the Boston and Albany Railroad Corporation 14,120 square feet of land, bounded west by Harvard Square, Washington Street, and said stone abutment by several lines as shown on said plan; south by land of said corporation about two hundred and sixty feet; east by the same, forty feet; north in part by the same, in part by land of the Most Rev. John J. Williams, or whoever may be proprietors of St. Mary's Church, and in part by the land of said corporation; west by land of John Panter, north by the same, and east by the same: and the corporation waives all claims for damages growing out of, or in any way connected with, the location or construction of the street over this land.

From John Panter we take $1323\frac{3}{10}$ square feet of land, bounded north by Andem Place, west and south by land of

said corporation, north-east, east, and south-east by the faces of his brick building known as Colonnade Building.

From John Panter we also take 714 square feet of land, bounded north by the south face of said brick building, east and south by land of said corporation ; and Mr. Panter waives all claim for damages growing out of, or in any way connected with, the location or construction of the street over this lot of 714 square feet.

From the Most Rev. John J. Williams, or whoever may be proprietor of St. Mary's Church, we take 1,260 square feet of land, bounded north by the north line of said proposed street, east and south by land of said corporation.

The present grade of the land around the station cannot be materially changed if we are to have a street that may be conveniently used in connection with the remaining vacant land of the corporation about the station; and therefore we have agreed with the corporation that neither party shall erect a fence either on the south side or east end of the proposed street.

We have estimated the damages sustained by the owners of land, rights, and interests, caused by the laying out and construction of this street in manner aforesaid, whether by taking property or by injuring property in any manner whatsoever, and also estimate and determine the amounts to be paid to said parties respectively as follows : —

We take from John Panter $1323\frac{3}{10}$ square feet of land in front of Colonnade Building so called, being land which is believed to be unencumbered with restrictions, and which he can build on or otherwise use at his discretion, and we award him as damages for the land thus taken the sum of $1,000.

We take from the Most Rev. John J. Williams, or whoever may be proprietor of St. Mary's Church, 1,260 square feet of land.

The corporation agrees to release to the town in fee-simple, and for a nominal consideration, the triangular piece of land containing fifty square feet lying north of the proposed street,

and bounded south by the same, west by land of Panter, and north-east by other land of said Williams; and we agree to convey this piece of land to said Williams in part satisfaction of his damages, and we award to him as damages for the land thus taken (after deducting the value of the land thus to be conveyed to him) the sum of $297.

We also agree to replace, at the expense of the town, the bank-wall along the front of the church estate on the line of the new street, to make good the privy and well on said estate, and to repair or rebuild the fences that may be injured in the construction of the road; and we propose to lay a brick sidewalk along the north side of said street.

And we have given the owners of the lands through which this street is laid out thirty days from the date of the acceptance of this Report by the town in which to remove structures, buildings, walls, fences, or trees standing on said land.

And said street, as so laid out, located, and described, is hereby reported to the town for acceptance, and, when so accepted, allowed, and recorded, is to be known as a town way.

The said plan and this record have been this day filed by us in the Town Clerk's office.

We can build this street, lay the sidewalk and edgestones on the north side, two crossing-stones at two new places, and relay the present crossing for	$675 00
The land damages we estimate at	1,297 00
The special work on the church estate we can do for	$228 00
Making the total cost of street	$2,200 00

WM. I. BOWDITCH,
FRANCIS W. LAWRENCE,
HORACE JAMES,
OLIVER WHYTE,
Selectmen of Brookline.

BROOKLINE, Jan. 17, 1879.

REPORT.

ART. 2. To see if the town will accept and allow Station Street, as laid out by the Selectmen Jan. 17, 1879.

The petition of John W. Candler to the County Commissioners for the laying out of Kent Street through Harrison Place to Harvard Square, and the laying out of a street from Harrison Place to the new station, was dismissed by the County Commissioners Nov. 12 last. He had previously directed his counsel to withdraw the petition; but, until the petition was actually dismissed, we felt unwilling to take any formal action about laying out the road from Harrison Place to the station, even if we had jurisdiction so to do.

We had, however, an informal hearing, and laid before the parties interested Aspinwall and Lincoln's plan of a proposed street leading from Harvard Square along the west side of Panter's building, the north side of the station, and through Mr. Twichell's lot to Harrison Place.

At this hearing, which was quite fully attended, all parties present seemed to favor the scheme. Mr. William Aspinwall, however, objected to it, because we proposed to open a town road on to a private way, and thereby impose an additional burden on the owners of that part of the fee of Harrison Place, which, in travelling to and from the station, the public would naturally use.

Mr. Twichell also objected to our laying out the road through the middle of his lot. He was willing to let us have his land at fifty cents a foot, provided we put the road either on the west or east side of his lot; but he opposed laying it out through the middle of his lot. He also objected

to our rounding the corner of the street at the foot of the bank, and desired us to have an obtuse angle.

We thought it highly objectionable to have any thing other than a round corner; and we objected to laying out the street on the west side of his lot, because if we did so, when the town wished to continue the street northerly, it would render necessary the going through the house of Justin Jones. For the same reason, we thought it undesirable to lay out the street on the east side of his lot, because it could not be extended in future on this line without cutting off some of Mr. Twichell's house.

The main objection urged against the scheme seemed, therefore, to be that the town had no just right to impose on the owners of the fee of Harrison Place a burden which they had not contemplated. To obviate this objection all parties seemed to think it best for us to lay out that part of Harrison Place which leads from Harrison Square to the east side of this proposed street to the station, and leave the town to accept or reject the street at its pleasure.

Accordingly, Nov. 20, 1878, we issued notices for a formal hearing, to be held Dec. 2, on the laying out of both these streets; and the notices were duly served, according to law, on the parties interested. We proposed to lay out both under the law authorizing an assessment for betterments; and the locations of both roads were drawn up, and made ready for signature. We supposed the meeting would be merely formal.

At the hearing we explained Station Street. We thought the construction would cost $2,600; we estimated the land damages at $8,766, and engineering expenses and contingencies at $400, — making a total probable cost of $11,766. From this sum would, however, finally be deducted what the town would receive from assessments for betterments.

The only objections in our minds to this street were the expense, and the steepness of the grade up to Harrison Place, amounting to over eight feet in one hundred part of the way; But to carry out our intention as stated by us to the town, and

our understanding with Mr. Candler, we were willing to waive these points, supposing at the time that the parties in interest really wished the road to be built, and knowing that the town could finally pass on the matter as it thought best.

We then explained the proposed laying out of part of Harrison Place forty feet wide from Harvard Square to the east line of Station Street, the widening for which (ten feet) was to be all on the north side; and, besides the fee of the place, we proposed to take land from Messrs. Lowe, Candage, Jones, and Twichell, and the owners of the fee of the way leading from Harrison Place to Webster Place.

Dr. Lowe appeared by counsel, and claimed damages. No one of the owners of the fee of the place (except Mr. Driscoll) cared enough about a way to the station to be willing to waive damages even for this land, which he could not possibly use except for a street.

We were informed that the land-owners were restricted by the terms of their deeds from building upon the ten-feet strip of land we proposed to take. Still no one of them was willing even to name a price at which the town might have his land.

Not only this, but not a single person could be found to express himself in favor of a road to the station, or laying out any part of Harrison Place forty feet wide on any terms. Mr. Candler was not present at either of our hearings.

We were greatly surprised at this seeming change of opinion on the part of those whom we had up to that time considered as principally interested in having a road to the station carried out. From being apparently in favor of the scheme at the former meeting, at this meeting no one could be found to favor it. One or two persons desired us to lay out Harrison Place fifty feet wide to Brook Street; and with this great and expensive change of plan, which we had never agreed to favor, but had strenuously resisted, our scheme of a road to the station would, they thought, become acceptable.

Our estimate of the land damages that would be occasioned by laying out Harrison Place forty feet wide as far as Station

Street was $3,782; Aspinwall and Lincoln's estimate of the cost of construction was $1,756, — making the whole cost $5,538.

The scheme we presented for both roads would therefore have cost the town $17,304. This amount would, however, have been reduced by assessments for betterments. We proposed to lay out these streets, and to waive our objection to the heavy grade. We proposed to do more than we told the town we had intended to do, and more than we had agreed to do, in order to effect a manifest public improvement about the new station; but we supposed that the land-owners in Harrison Place really wished easier access to the station. When, therefore, we found that no one seemed to care any thing at all about access to the station, unless we would also lay out Harrison Place to Brook Street at a very great and wholly useless expense, we concluded we were mistaken in thinking the public really cared for any road from Harrison Place to the station. We may be wrong; but it seemed to us that certain parties were willing to use this scheme of a road to the station to bring about the extension of Harrison Place to Brook Street, and that this latter road was really all they cared about.

Under these circumstances we called on Mr. Lincoln, the president of the railroad, to know if he really wished a road up to Harrison Place. We had supposed that he insisted on this outlet; but either he had never really cared about it, or he also had undergone a remarkable change of opinion: for, under his auspices, the plan of Station Street by Walter Shepard, as actually laid out by us, has been prepared. It gives the corporation all that it now seeks, and it affords the public all the convenience that it now needs in our judgment, and at about one-eighth of the cost of the other scheme. Under these circumstances we advise the town to accept the location.

If, at any future time, it shall be thought desirable to extend the street up to Harrison Place, and a satisfactory arrangement

can be made with the land-owners, the town can do so easily enough; for the street, as laid out, is in substantially the same direction as it would be if we had laid it out to Harrison Place: and, if it shall be so extended, the town may, if it pleases, act under the betterment law, and assess a just betterment on the owners of all estates benefited.

The following documents are important: —

BROOKLINE, MASS., Dec. 23, 1878.

To the Honorable Board of Selectmen.

GENTLEMEN, — Having seen the plan of Walter Shepherd, dated Dec. 10, 1878, I approve of the same; and I will give the land on the south side of my lot, containing seven hundred and fourteen (714) feet, on condition that the town lay out the same for a public street to the station, and that a brick sidewalk be built at the expense of the town (the above includes grade damages): but I reserve my right to claim damages for the $1{,}323\frac{8}{10}$ square feet taken on the west side of my estate.

JOHN PANTER.

BROOKLINE, Dec. 29, 1878.

To the Selectmen of Brookline.

GENTLEMEN, — If the town will build the street as drawn on a plan of Walter Shepherd, dated Dec. 10, 1878, and will replace the bank-wall on the line of the new street, and will make good the privy, the well, and fences on our estate, and will sell to us the gore of land lying south-west of church land, at twenty-five cents a foot for each foot in said gore of land, and lay a brick sidewalk, we will sell to the town the land needed for new street according to the plan shown us (plan by Walter Shepherd), and all our rights to said land, including land damages; providing the town pays us twenty-five cents a foot for each foot taken, and assess no betterments on our property in consequence of this improvement of new street. and will fulfil the conditions mentioned above.

L. J. MORRIS,
Pastor of St. Mary's Church of the Assumption,
Agent for his Grace, Most Rev. J. J. WILLIAMS.

BROOKLINE, Dec. 23, 1878

The Boston and Albany Railroad Corporation hereby approves the plan of a street from Harvard Square or Washington Street, in Brookline, to the railroad station, made by Walter Shepard, an engineer now in its employ, dated Dec. 10, 1878, whereby 14,120 square feet of land belonging to said corporation is proposed to be taken for the purposes

of said street; and hereby waives all claim for damages growing out of, or in any way connected with, the laying out or the construction of said street, as shown on said plan, if the town shall accept and build said street within six months from this date.

The south and east lines of the street shall not be fenced out, either by the town or the railroad corporation, without the consent of the other party; and no sidewalk shall be built on either of these lines, in order that there may be easy access to and from the street, to and from the station, and the adjacent land and tracks of the corporation. This is not, however, intended to prevent the laying of crossing-stones anywhere across the street that may be found convenient.

The town agrees, at its own expense, to keep in repair the steps now leading up to Washington Street, the same falling within the limits of said new street; provided the steps can be retained and kept in repair, without exposing the town to any claims for damages for allowing such encroachment on the highway.

The corporation agrees, within a reasonable time, and, at any rate, within two months from the time of the completion of the street, to build a flight of steps, leading from the present platform or a continuation thereof, west of the station to Washington Street; provided the work can be done without exposing the corporation to any claims for damages for so doing.

The corporation also agrees to continue the crossing-stones, which now lead south from Panter's sidewalk, from the south line of the proposed street to the platform of the station, as soon as the street shall be made fit for travel.

The corporation agrees to give to the town, on demand, and for a nominal consideration, a deed of release in fee-simple of the small triangular lot of land on the north side of the proposed street, bounded west by land of Panter, and north by the estate of St. Mary's Church.

It is understood and agreed that the grade of the new street will conform essentially to the present surface as the public use will require it to do so.

THE BOSTON AND ALBANY RAILROAD CORPORATION,
(Signed) By D. WALDO LINCOLN, *President.*

THE TOWN OF BROOKLINE,
(Signed) By WM. I. BOWDITCH,
FRANCIS W. LAWRENCE,
HORACE JAMES,
OLIVER WHYTE,
Selectmen.

We offer for consideration the following vote: —

Voted, That the town hereby accepts and allows Station Street, as laid out by the Selectmen Jan. 17, 1879, and orders the location to be recorded.

Voted, That the sum of $2,200 be, and the same is hereby, appropriated (payable out of the taxes to be assessed next May) to pay for the construction of said street and for land damages.

ART. 3. To see if the town will accept the offer of the city of Boston for the right to use our main sewer and the lateral sewer in Brookline Avenue and Washington Street, or authorize the Selectmen or some committee to accede to this or some other proposition.

The following letter gives approximately the area in Boston and Brookline which can be drained into our main sewer: —

PROVIDENCE, Aug. 9, 1878.

HORACE JAMES, ESQ., *Selectman of Brookline.*

Dear Sir, — In response to the request of Mr. C. D. Lincoln, Clerk of the Selectmen, I forward to you the following information: —

The area in Boston which would naturally drain into the main sewer in Brookline cannot be accurately ascertained without more information than I am able to obtain without a survey; but, as taken from the maps, with the best checks I can make, the area appears to be about 300 acres, on which there are now about 140 buildings, mostly houses.

The area in Brookline which would eventually be drained into the main sewer, above the junction of Beacon and Carlton Streets, is about 842 acres, on which there are about 711 dwellings or principal buildings, and about 208 other buildings. The area which will drain into the main sewer below Carlton Street is about 293 acres. The number of dwellings or principal buildings now on this area is about 90, and the number of other buildings about 55.

In addition to the area in Boston, given above as naturally draining into the Brookline main sewer, and which I suppose includes the territory in the minds of the Selectmen when the question was asked, there is another area roughly estimated at 50 acres, lying in the Brighton district, which will naturally drain through the Brookline territory into the Aspinwall Brook branch of the main sewer. I have made no examination of this area for the purpose of learning the number of buildings on it.

Yours respectfully,

J. HERBERT SHEDD.

We requested Mr. Shedd to confer with the Boston authorities, and see if he could come to some understanding with them on this subject.

The following letter explains the result of such conferences: —

PROVIDENCE, Oct. 4, 1878.

WM. I. BOWDITCH, ESQ.

Dear Sir, — . . . My consultations with Mr. Bradley have finally resulted in the following propositions, which we agree to be equitable and proper: 1. In case permission is given to Boston to enter lateral sewers into the Brookline main sewer, then Boston shall pay at the rate of $135 per acre drained by the connecting sewer, with interest at six per cent from Jan. 1, 1878. The total area which might drain into the particular sewer to be estimated when connected, and any extensions to be estimated and paid for when such extensions are made. 2. Boston to reimburse Brookline annually for such portion of the expenses of maintenance as may correspond to the ratio of area drained in Boston with the area drained in Brookline.

In estimating the rate per acre to be paid by Boston, it is assumed that a cost upon the main sewer of $141,000 may properly be applied to 1,042 acres, to be finally drained in the territories of Brookline and Boston together. Yours respectfully,

J. HERBERT SHEDD.

The city objected to paying a round sum for draining the whole territory which might finally use our sewer, but professed willingness to pay for all the territory which now drains into Muddy River, so that the contamination of the river, on the part of the city, may be put an end to.

The following letter contains the offer: —

SEWER DEPARTMENT, CITY HALL, BOSTON, 10th Oct. 1878.

W. H. BRADLEY, *Superintendent.*

Dear Sir, — The amount to be paid by the city of Boston to the town of Brookline, under the arrangement agreed upon between Mr. Shedd and myself, would amount to $2,852 for a connection from Downer Street and Francis Street sewers.

Yours truly, W. H. BRADLEY.

W. I. BOWDITCH.

We offer for consideration the following vote: —

Voted, That the Selectmen are hereby authorized to allow the city of Boston to use our main sewer, and the laterals in Brookline Avenue and Washington Street, upon the terms set forth in letter of J. H. Shedd, dated Oct. 4, 1878.

Articles 4–7 have been inserted at the request of the Committee on Sewer Assessments.

It is very important that this whole subject should be acted upon by the town. Almost any scheme that can be presented is better than none.

The committee will doubtless offer the votes they wish the town to act upon.

Art. 8. To hear and act upon the report of the committee in reference to uniting with Boston in making a new channel for Muddy River.

The committee having this subject specially in charge will doubtless have some report to make, though probably not a final one.

This subject is quite an important one to have settled, as already an encroachment on the present water-channel north of Brookline Avenue is in contemplation.

The following letter from Mr. Shedd explains itself. We cannot feel the importance of having so wide a channel as he seems to think necessary.

Providence, Nov. 22, 1878.

Wm. I. Bowditch, Esq.

Dear Sir, — I examined the bridge and road now building on land of Mr. Aspinwall, north of Aspinwall Avenue. The water way is newly cut through the marsh, and is about ten feet wide at the top, two feet wide at the bottom, and four and one-half feet deep. The bridge covers this trench at about the level of the marsh.

The water-way of the culvert through Aspinwall Avenue is about six and one-half feet wide, and six and one-fourth feet deep, the upper portion being an arch.

The area of the new trench is less than that of the culvert; but the culvert is obstructed by centring, so that the discharge of water might be no more than the trench would discharge.

To discharge the volume of water which may in very heavy storms

reach this point, without flooding the territory, would require, I think, a channel twenty-four feet wide, with the bottom below grade four. The insufficiency of the trench or the culvert to discharge such a volume of water is obvious.

The attention of Mr. Aspinwall was called to this matter, and I understand his view of it, in brief, to be as follows: That the town has not established the dimensions of the channel of Muddy River, and, in the absence of that, he is not obliged to construct a water-way larger than that provided by the town through Aspinwall Avenue; and that he is unwilling to incur an expense greater than he is obliged to do. He thinks the channel alongside of Brookline Avenue, which, I understand, he intends to fill, cannot be taken as establishing the size of the Muddy River Channel.

Yours respectfully,

J. HERBERT SHEDD.

ART. 11. To see if the town will take any action calculated to reduce the cost of printing the annual report.

Our annual reports seems to us needlessly long, and therefore needlessly expensive. If the town can effect a remedy, it will be well to do so.

ART. 12. To see if the town will appropriate the sum of $1,100 for improvement in school-buildings, according to the request of the School Committee.

The following letter and certificate explain the necessity for this article: —

BROOKLINE, Nov. 11, 1878.

WM. I. BOWDITCH, ESQ., *Chairman Board of Selectmen.*

Dear Sir, — The School Committee desire the insertion of the enclosed article in the next warrant calling a town meeting, and for the following reasons: —

At present the children are obliged to pass directly from the school-room to the open air in order to reach the out-buildings. Some of these are at quite a distance from the school-buildings. In winter, and especially during storms, this must be attended with great risk to health; and, there is no doubt, many colds and frequent sicknesses can be traced to this cause.

In the case of primary children especially, we feel it is a hardship they should not be obliged to endure; and many parents are not aware to what dangers their little ones are exposed. They go at all hours of the

session from a warm room into an atmosphere sometimes at zero, and usually without any additional clothing. In stormy weather the danger is greatly increased.

It seems to us that our schoolhouses should at least be furnished with the conveniences that are found in all our other public buildings; viz., Town Hall, police-station, and engine-houses. It may be urged that the same accommodations are afforded that have always existed, and that what was sufficient for the children for the past fifty years is good enough for those of the present day. But circumstances are greatly changed. More regard is paid to the laws of health, children are reared in a different way, houses are more thoroughly warmed, and the hardening process which has sent many a child to the grave is not adopted from choice. Now that the water is introduced into the town, and sewers are provided in some districts, we feel that, where the opportunity is afforded, the school-children should receive the benefit of the same.

We propose, therefore, to construct water-closets in the Longwood and Pierce Primary Schools, as these are the only schools that are located so as to communicate easily with the sewers. For the other school-buildings, we desire to provide covered ways leading to the out-buildings, thus not only protecting the children from the cold winds and wintry storms, but affording a dry pavement. We have carefully prepared estimates, and the entire cost will not exceed eleven hundred dollars.

We consider the expense as small in comparison with the benefit that will accrue, and trust the town will concur in these views.

Yours respectfully,

W. H. LINCOLN,

Chairman School Committee.

The undersigned physicians in the town heartily indorse the above suggestions, and recommend the plan to the citizens of the town.

T. E. Francis.	Ira B. Cushing.
D. B. Van Slyck.	Geo. P. Wesselhoeft.
G. K. Sabine.	Robt. Amory.

The committee offer for your consideration the following vote: —

Voted, That the sum of eleven hundred dollars be appropriated for furnishing water-closets in school-buildings, and for constructing covered ways to out-buildings, — same to be expended under the direction of the Selectmen and School Committee.

Art. 13. To see if the town will make an appropriation to pay Aaron D. Weld, Hannah D. Richards, and Mrs. Lucy Kingsbury, for damages occasioned by taking their land for the construction of the water-works.

Charles H. Drew, Esq., in his note of Dec. 1 last, informs us that the commissioners in the suits of Aaron D. Weld have filed their report assessing damages at $1,025, with interest from time of taking the land. To this sum costs will have to be added.

The Water Commissioners awarded him $300.

In view of the expense of defending all lawsuits, and the uncertainty of the final results in these being more favorable, we have advised Mr. Drew that the cases had better be settled without further litigation. He agrees with us in opinion. From the sum awarded will, of course, be deducted the sum we have paid into court, or $300 and costs, up to the time of payment, Feb. 1, 1877. The net amount due is $1,405.96.

The Water Commissioners awarded each of the other parties named in this article $300. Hitherto they have declined to receive the awards. They have no legal claim on the town, in the opinion of Mr. Drew, not having brought suit. Still the town has the use of their land, and they are willing to receive the amounts now.

We therefore offer for your consideration the following vote: —

Voted, That the claims of Aaron D. Weld, Hannah D. Richards, and Mrs. Lucy Kingsbury, mentioned in this article, be paid out of the water receipts now in the treasury. But no interest shall be paid to Richards or Kingsbury.

Art. 14. To see if the town will instruct their Selectmen to appear before the present Legislature, and urge the amendment of the school laws, so as to limit the powers of the school committees, and provide such other checks as will make them accountable to some competent authority for the exercise of their office.

This article was inserted pursuant to the following request: —

Believing that the public interest requires that the school laws should be amended so as to limit the powers of school committees, especially in regard to their authority to exceed the amount appropriated by the town for the support of schools, we request that an article be inserted in the warrant for the next town meeting to this effect: to wit [as in the article].

J. ELLIOT CABOT.
HOWARD N. BROWN.
CHARLES DWIGHT.
OSCAR HOLT.
GEO. W. CARNES.
JUSTIN JONES.
E. F. CUSHMAN.
GEO. P. WESSELHOEFT.
JOHN TOWNSEND.
HORACE N. FISHER.

The following statement has been prepared by Col. Fisher in behalf of the petitioners: —

This article involves the relation of the School Committee to the town, and the question whether the powers of the School Committee under the present statute, as decided by the Supreme Court, do not infringe the corporate rights of the town and the private rights of individuals, and should not be limited for the true interests of the community.

Chief-Justice Shaw, in 1845, stating the powers of towns in relation to town schools, said (10 Met., 508): —

"In general the corporate powers of towns have originated in this way: they have been required to provide for certain wants of the community, or to perform certain duties for the common benefit; such as, making roads, relieving the poor, supporting schools, and the like, — and then, either in express terms or by necessary implications, they are invested with all the powers necessary to the performance of such duties."

The Revised Statutes state the powers and duties of towns in regard to town schools as follows: —

[Chap. 18, § 10.]

"They may, at legal meetings, grant and vote such sums *as they judge necessary* for the following purposes: —

"For the support of town schools." . . .

[Chap. 38, § 12.]

"The several towns shall . . . raise such sums of money for the support of schools as *they judge necessary*." . . .

[Chap. 38, § 16.]

"Every town shall, at its annual meeting, choose by written ballot a board of school committee, which shall have the general charge and superintendence of all the public schools of the town." . . .

[Chap. 38, § 23.]

"The school committee, unless the town at its annual meeting determines that the duty may be performed by the prudential committee, shall select and contract with the teachers of the public schools." . . .

The Supreme Court of Massachusetts has decided (98 Mass., 587) that "the power given to the school committee to contract with teachers necessarily implies the power to determine their salaries; and, in so doing, they are not restricted to the amount appropriated for the purpose by the city council. . . . The city council have no control over the school committee in this respect, except by voting to close a school after it has been kept open the length of time required by law."

In the case above cited, the School Committee of Charlestown asked for $66,000. The City Council decided that $60,000 was all that was necessary and proper to appropriate. The School Committee deliberately proceeded to contract with teachers on the basis of $66,000, though notified by the unanimous vote of the City Council that no bills would be paid in excess of the school appropriation. The Supreme Court decided that the School Committee had the power, under the statute, to exceed the appropriation.

As is well known, the city council of a city corresponds to the voters of a town in town meeting assembled. Consequently it would seem, that, as the law now stands, the school committee of this or any other town in the State are not restricted to the amount decided by the town to be all that is necessary or proper for the support of town schools, but may

incur such additional expenses as they may elect, which the town will be compelled to provide for by additional taxation.

This seems to be a dangerous power in the hands of any town officer, — an infringement upon the corporate rights of towns which are expressly directed by law "*to raise such sums of money for the support of schools as they judge necessary.*"

Moreover, the School Committee are executive officers of the town ; and their exceeding the school appropriation *compels* the town to levy an additional school tax. Such pretension seems contrary to the spirit of our institutions as defined in the 30th Article of the Bill of Rights, which declares that "in the government of this Commonwealth . . . the executive shall never exercise the legislative and judicial powers, or either of them, . . . to the end that it may be a government of laws and not of men." If there is any one thing peculiarly a legislative power, it is the right to regulate taxation. This power, under the present school laws, has been decided by our highest court to belong to the School Committee, so far as concerns school appropriations.

Wherefore it seems that the town would do well to consider whether such pretensions are not in conflict with the corporate rights of this town, and to adopt such measures as may seem to it proper for its own protection.

In addition to corporate rights of towns apparently endangered by the discretionary powers of the School Committee, the rights of individuals living in the town seem not to be sufficiently protected. The School Committee are vested by the present law with a plenary authority in regard to teachers and pupils : the decision of the committee must be deemed conclusive.

Chief-Justice Shaw (23 Pickering, 227) said, that "the law will not presume that the committee, who are invested with the power of superintendence and management, will act arbitrarily and unjustly in a matter submitted to their judgment. If, after all, there should be found practically any danger of

an encroachment upon private rights in a matter in which the whole community have so deep an interest, it is for the Legislature to provide more ample and specific remedy against such danger."

Under the present law, if the town should enact school regulations fixing the school year at ten months, the School Committee may close the schools earlier if they so decide, notwithstanding the vote of the town or the provisions of the town by-laws and ordinances. If the town decides to abolish corporal punishment, or passes any other similar general order, the School Committee may at pleasure act in defiance of the town.

As these things affect the harmony and prosperity of the town, it is proper that the School Committee, as well as the other executive officers of the town, should be amenable to the by-laws and regulations which the town may enact from time to time.

But at present, as the committee is vested with plenary power, to be exercised according to their discretion, their decisions are conclusive ; and there exists apparently no judicial or civil tribunal which can review or reverse their decision, no matter how great a wrong may be committed, whether to the public rights of the town or to the private rights of individuals.

In like manner the teachers of our schools are without redress for wrongs which may seriously affect them ; for, as they require the certificate of the committee to continue their calling, they are absolutely at the mercy of the committee, who from real cause, or from caprice or prejudice, may withhold this to them necessary testimonial. There should be some tribunal empowered with authority to review and reverse the decisions of the School Committee in matters affecting the public rights of towns, and the private rights of individuals within the town.

There is a third point which seems worthy of the consideration of the town ; namely, supervision of our town schools.

At present there seems no limit to the powers of the school committee of a town to adopt and change text-books, to multiply studies or abandon them, whereby it has happened that much time is frittered away in a multiplicity of studies at the expense of a thorough knowledge and a sound mental discipline. Parents have a right to complain of the frequent and vexatious change of text-books, and may well question the discretion of the committee in regard to multiplicity of studies, many of them ornamental rather than useful; and especially when, in addition to the regular school hours, their children are required to study several hours daily out of school, whereby they are either deprived of out-of-door exercise necessary for their physical health and growth, or compelled to study by lamp-light: in consequence of which evil practice of our public-school system, parents have not unfrequently taken their children from public schools, and placed them at private schools, acting under advice of competent physicians.

To obviate the evils above stated, and to promote sound learning, it seems worthy of the consideration of the town whether a supervision of schools by county superintendents would not be advisable as a method of securing a greater uniformity of studies and text-books, and a better-considered system of instruction.

Art. 15. To see what action the town will take, if any, on the petition of C. A. Richards and others, to the Legislature, for a charter for an "Elevated Railroad" in the town of Brookline.

We have received the following order of notice: —

To the Town of Brookline.

You are hereby notified that the following petition will be presented to the next "Legislature of the Commonwealth."

To the Honorable Senate and House of Representatives in General Court assembled.

The undersigned respectfully petition your honorable bodies for an act of incorporation, under the name of the "Metropolitan Elevated Railway Company," for the purpose of locating, constructing, maintaining, and operating an elevated railroad in the cities of Boston, Cambridge, Somerville, and Chelsea, commencing at some point or points in that part

of Boston called Dorchester, thence over such streets and highways to some point or points at or near Haymarket Square as the Board of Aldermen of the city of Boston may from time to time designate; thence over such streets, highways, and bridges to some point or points at or near Winter Hill, so called, in the city of Somerville, as the Board of Aldermen of said respective cities may from time to time designate. Also for like authority to construct, operate, and maintain branch roads to Cambridge, Brookline, South Boston, Chelsea, and East Boston.

The capital stock to be six millions of dollars.

(Signed), C. A RICHARDS.
CHARLES E. POWERS.
JAMES W. EMERY.
JOHN GOLDTHWAITE.
K. S. CHAFFEE.

The subject of "Elevated Railroads" is one with which the public have but a very slight acquaintance. The only one in operation at present is in the city of New York, where the damage to real estate on the line of it has been very great; so great that the dwellings and stores where it passes are occupied only with the greatest discomfort. When we reflect that if the petition is granted that the company will have a right to erect a trellis-work ten to twelve feet high in our streets where it is located, darkening the lower floors of the houses on either hand and obstructing the view, destroying the value of the vacant lots for building purposes, all without the payment of damages to the abutters, it seems to us that the town should oppose the petition.

We offer for your consideration the following vote: —

Voted, That the selectmen be instructed to appear before the Committee of the Legislature, to whom shall be committed the petition of C. A. Richards and others for a charter for an "Elevated Railroad" in Boston and neighboring towns, and oppose the same, with permission to employ counsel.

ART. 16. To choose three auditors,

One of the auditors chosen at the annual meeting declined to accept the office, and the other two have died.

It will be necessary to choose others before the treasurer's accounts can be examined.

TOWN OF BROOKLINE.

REPORT OF THE SCHOOL COMMITTEE

ON

ADDITIONAL ACCOMMODATIONS.

To the Town of Brookline:

The School Committee respectfully submit the following report upon the matter of school accommodations in the vicinity of Sewall and Chestnut streets, which was referred to them by the town at its last Meeting.

They have granted a hearing to the petitioners, at their request.

If it were only necessary to provide for the overflow of the Boylston and Ward schools, for which we now have temporary provision of a very unsatisfactory character in the engine house, the cheapest method by which the want could be permanently met would undoubtedly be the enlargement of the Boylston street school house, as several times suggested in reports of the Board. It is believed this enlargement can be made for the sum of five thousand dollars, the interest of which would be less than what would be required for the rent of any suitable building. This plan would not however, meet the special want of the petitioners from Sewall and Chestnut streets, who urge with much force that primary school accommodation should be provided for their children as near to their homes as practicable.

The use of the house on Chestnut street, owned by Messrs. Foster and Candler, for the classes now taught

by two teachers in the engine house would satisfy the petitioners.

Whether the town should lease or buy the Chestnut street property, the Committee express no opinion; perhaps this could be better determined when it is known what are the best terms for each that can be obtained.

The Committee recommend that they be authorized to provide additional school facilities in the vicinity of Sewall street, and that authority be given for the lease or purchase of such portion of the Candler and Foster estate on Chestnut street as the town shall deem expedient; or any other property in that vicinity, suitable for the purpose.

W. H. LINCOLN,
WARREN GODDARD, Jr.
GEORGE BROOKS,
W. T. R. MARVIN,
FRANCIS HUNNEWELL,
M. DRISCOLL,
D. B. VAN SLYCK,
L. K. STORRS,
ALBERT MASON.

School Committee.

Brookline, March 25, 1879.



Report of the Committee

ON

ADDITIONAL ACCOMMODATIONS

FOR

PUBLIC SCHOOLS.

REPORT

OF THE

COMMITTEE ON ADDITIONAL ACCOMMODATIONS

FOR PUBLIC SCHOOLS.

To the Town of Brookline:

Upon the petition of James Quinn and others for school-house accommodations in the vicinity of Chestnut and Sewall Streets, the School Committee respectfully submit the following Report.

The Grammar and Primary School accommodations for the locality to which the petition refers, have heretofore been provided in the Ward and Boylston Schools, and the distance to either school varies from half to three-fourths of a mile. For children of ten years and upwards, this distance cannot be regarded a hardship. It is a more serious matter for children of the age to attend the

primary schools, particularly the youngest classes; and it is desirable that primary schools should be located as near to the homes of the children as practicable. If, however, the accommodations at the Ward and Boylston Schools were sufficient, the Committee would not feel justified in recommending any considerable outlay, in the present financial condition of the Town, to remedy the distance only; but both these schools have been for a long time crowded, more particularly in the lower classes.

The overflow has been provided for, first, by a building hired for the purpose near the foot of Boylston Street, and more recently by occupying two rooms over the engine house, which have proved very unsatisfactory, by reason of stable odors which it has been found impossible to avoid. It is the unanimous opinion of the School Committee and the Advisory Board that the use of these rooms for school purposes ought not to be continued. Permanent provision, for the scholars thus temporarily provided for, should not be delayed, and various plans and locations have been considered.

Considerations of economy have seemed to indicate the enlargement of the Boylston

Street School House as the most feasible, and this has been several times recommended. This plan, however, does not so well carry out the policy of locating primary schools near the homes of the pupils, as would the erection of a school-house in the vicinity of Sewall Street; and from this consideration the Committee were led to recommend, in a former report, that authority be given to make temporary or permanent provision in that locality, as upon further study should be found most advantageous.

It was not then thought that permanent provision could be made there at as small cost as by the enlargement of the Boylston Street building.

The Committee had supposed, from evidence given at the public hearing, that the vacant land owned by the town on Sewall Street was an unsuitable and unhealthy location for a school-house; but since the subject was recommitted to the Board, a sub-committee have carefully examined the lot, and the Board are satisfied that something more than an acre of land can be had, and which the town now owns, in the most central position practicable for the children to be accommodated, sufficiently remote from the stable to

be unobjectionable, with drainage all that could be desired for surface water, and that with proper grading this land will be entirely satisfactory for school purposes. The distance of the lot from the Boylston School, as measured upon the map, is a little more than half a mile; and from the Ward School, a little less than three-fourths of a mile.

The Committee recommend the erection of a good frame building, of two stories, finished for two school rooms, to accommodate about fifty scholars each. Estimates have been obtained from an experienced builder that such a building, with slated roof, thoroughly finished, ready for furniture,— including cellar, furnace, and cesspool,— can be built for four thousand dollars.

The Committee have also obtained estimates for the grading required, from which it appears that about one-third of the lot, covering all the space between the proposed building and the street on two sides, and sufficient space on the other sides for immediate use, can be graded as desired for one thousand dollars; and it is believed that the raising of the remainder of the lot to the same grade can be secured from time to time, as opportunity offers, at slight cost.

There is sufficient furniture on hand for both rooms, and the entire expenditure required for the building and grading will not, in the opinion of the Committee, exceed five thousand dollars. The adoption of the accompanying vote is recommended.

W. H. Lincoln.
George Brooks.
W. Goddard, Jr.
M. Driscoll.
W. T. R. Marvin.
Leonard K. Storrs.
D. B. Van Slyck.
Albert Mason.
L. J. Morris.

Brookline, June 9, 1879.

VOTED,

1. That a frame building be erected for a school house upon the land now owned by the town on Sewall Street, next easterly from the premises occupied by the town stable, at a cost not exceeding five thousand dollars, including the preparation of the land.

2. That
be a committee with full powers to carry out the preceding vote, and to make all necessary contracts therefor.

3. That the sum of five thousand dollars is hereby appropriated for the erection of a school-house upon the town land on Sewall Street and grading the lot therefor; and the Treasurer is hereby authorized, under the direction of the Selectmen, to provide for this appropriation by a temporary loan in anticipation of, and said loan is hereby made payable from, the taxes of the year eighteen hundred and eighty.

REPORTS

21478

OF THE

SPECIAL COMMITTEES,

ON

"SEWER ASSESSMENTS," "DIVERSION OF MUDDY RIVER," "ELEVATED RAILWAYS," AND "ANNEXATION TO BOSTON."

BROOKLINE PUBLIC LIBRARY. TO THE

Annual Town Meeting, March 25, 1879.

BROOKLINE:
PRESS OF THE CHRONICLE JOB PRINT.
1879.

ANNUAL TOWN MEETING.

BROOKLINE, March 25th, 1879.

The Committee to whom was committed the subject of the second article in the Warrant, calling the Town Meeting holden July 2d, 1878, and who made a report at the Special Town Meeting holden February 11th, 1879, respectfully submit the following additional

REPORT.

The third vote recommended to the Town at its Meeting, February 11th, 1879, contained a proviso in respect to estates not capable of drainage into the sewer laid in front of such estates. This vote, including the proviso, was adopted by the Town. It seemed to the Committee that this proviso was of such importance that it should be made a general law instead of being simply a vote of the Town of Brookline. Accordingly, the Committee caused an order to be introduced in the House of Representatives, looking to an amendment of the two hundred and thirty-second chapter of the Acts of 1878. This order was referred to the Committee on the Judiciary of the House. The Committee appeared before both the

House and the Senate Committees on the Judiciary, and urged the passage of a general law of the same tenor as the vote of the Town. The result has been the passage of a law in the precise language of the vote adopted by the Town, being chapter fifty-five of the Acts of 1879. A copy of the Act is annexed.

WILLIAM ASPINWALL,
HENRY M. WHITNEY,
CHAS. U. COTTING,
FRANCIS W. LAWRENCE,
JAMES P. FARLEY, Jr.,
JOHN W. CANDLER,
THOMAS H. TALBOT.

CHAPTER FIFTY-FIVE.

An Act to amend chapter two hundred and thirty-two of the Acts of the year eighteen hundred and seventy-eight, relating to sewers and drains.

Be it enacted by the Senate and House of Representatives, in General Court assembled, and by the authority of the same, as follows:—

Section 1. Section three of chapter two hundred and thirty-two of the Acts of the year eighteen hundred and seventy-eight is hereby amended by adding at the end thereof the following words: "Provided, however, that in respect to any estate fronting upon such street or way which, by reason of its grade or level, or for any other cause, cannot be drained into such sewer, the Selectmen shall not ascertain, assess and certify the assessment thereon or give notice of such assessment to the owner of such estate, until the incapacity of such estate to be drained into such sewer has been removed."

Sec. 2. This act shall take effect upon its passage.

Approved February 21, 1879.

At the Annual Town Meeting holden March 26th, 1878, the following vote was passed under the ninth article in the Warrant:

"*Voted*, That William Aspinwall, John W. Candler, Charles U. Cotting, Francis W. Lawrence and Robert Amory be a committee with authority to negotiate with the City of Boston, in reference to constructing a new channel for Muddy River from near Pond Avenue to Charles River, so that the same may be kept free from sewage; such negotiation to be subject to ratification by the Town."

The Committee appointed by the foregoing vote respectfully submit the following

REPORT.

Immediately after their appointment, the Committee notified His Honor, the Mayor of Boston, of the fact, and he communicated it to both branches of the City Government. The City Council referred the subject to the Joint Special Committee on Stony Brook Improvement. Repeated efforts were made by the chairman of this Committee to obtain a conference between this Committee and the Joint Special Committee of Boston. But the year of Mr. Pierce's mayoralty expired without any interview between the two Committees.

In his inagural address, His Honor Mayor Prince called the attention of the City Council to the importance of the diversion of Muddy River at this time, and the subject was again referred to the Joint Special Committee on Stony Brook Improvement. A conference between the two Committees was held February 14th, 1879, at which the Boston Park Commissioners

were present. After a free interchange of views, and a substantial agreement by all parties as to the importance of early action, it was decided that the chairman of the Boston Committee (Alderman Robinson) should appoint a day for the two Committees to meet and view the territory to be affected by the diversion of Muddy River. Up to this time no such appointment has been made.

The Committee therefore respectfully report progress, and ask leave to sit again.

WILLIAM ASPINWALL,
JOHN W. CANDLER,
CHAS. U. COTTING,
FRANCIS W. LAWRENCE,
ROBERT AMORY.

The Committee appointed at the Special Town Meeting, February 11th, 1879, "to appear before the Committee of the Legislature, to whom shall be committed the petition of C. A. Richards and others for a charter for an elevated railroad in Boston and neighboring towns, and oppose the same, with permission to employ counsel," respectfully submit the following

REPORT.

All the members of the Committee appeared on behalf of the Town at the different hearings before the Joint Standing Committee on Street Railways. As the City of Boston and citizens of Boston largely inter-

ested in real estate were represented by able counsel, it was not deemed expedient by the Committee to incur the expense of retaining special counsel on behalf of the Town.

The result of the hearings upon the several petitions for charters for elevated railways in Boston and the vicinity was a report that the several petitioners "have leave to withdraw." There is no doubt that this report will be accepted, thus finally settling the question of "elevated railways" for the present year.

WILLIAM ASPINWALL,
JAMES W. EDGERLY,
JOHN W. CANDLER.

The Committee appointed at the Special Town Meeting holden February 18th, 1879, "to appear before the Legislature, and remonstrate on behalf of the Town against the petition of Alonzo Farrar and others, that Brookline may be annexed to Boston," respectfully submit the following

REPORT.

All the members of the Committee attended at the hearing before the Committee on Towns, February 20th, 1879. The petitioners were represented by George Griggs, Esq., and Messrs. B. F. Adams and George Thompson.

It appeared that the petition was circulated in October, 1876, and at that time was signed by Mr.

Alonzo Farrar and eighteen other citizens of Brookline; that it was presented to the Legislature May 1st, 1877, and referred to the next General Court; that it was taken from the files May 8th, 1878, and again referred to the next General Court; that it was again taken from the files February 6th, 1879, and referred to the Committee on Towns. The three gentlemen named were the only ones who testified in behalf of the petition, and so far as appeared, were the only persons who desired that an Act for the annexation of Brookline to Boston should be passed at this time. The City of Boston, though notified, was not represented at the hearing.

Immediately after the petitioners had closed their case, the Committee reported that "they have leave to withdraw." This report has been accepted by the Legislature, and the petition has been thus finally disposed of.

WILLIAM ASPINWALL,
THOMAS PARSONS,
JAMES W. EDGERLY,
MOSES WILLIAMS, Jr.,
CHARLES H. STEARNS.

J33H



REPORT OF THE COMMITTEE

— ON —

SEWER & SIDEWALK

ASSESSMENTS.

BROOKLINE, FEBRUARY 11, 1879.

SPECIAL TOWN MEETING.

BROOKLINE, February 11, 1879.

The Committee to whom was committed the subject of the second article in the Warrant calling the town meeting holden on the second day of July, 1878, to wit:—"To see if the Town will adopt a system of sewerage; establish a mode of assessment for the right to enter and use the sewers; adopt the Act relating to the apportionment of sewer and sidewalk assessments, approved May 15, 1878, [*Stat. 1878, Chap. 249;*] and generally to hear and act upon the reports of the Committee on the mode of laying assessments," respectfully recommend the adoption of the following votes:—

(1) *Voted,* That the Town of Brookline hereby adopts the system of sewerage to be applied to the whole of the territory of said Town, of which the intercepting sewer emptying into Charles River, and built according to the plans and under the superintendence of J. Herbert Shedd, Civil Engineer, forms a part, and which embraces all the sewers heretofore built and hereafter to be built in said Town.

(2) *Voted,* That the Town of Brookline hereby estimates that the average cost of all the sewers constructed and to be constructed, and embraced in the system of sewerage now adopted, is four dollars and sixty-two cents per running foot of sewer.

(3) *Voted,* That the assessment authorized to be made by the Selectmen by the fourth section of chapter 48 of the General Statutes, shall be made upon the owners of the estates in said Town embraced in the system of sewerage adopted by the Town, by the following fixed uniform rate, based upon said esti-

mated average cost of all the sewers therein, to wit: seventy-five cents per foot of frontage which such estates have on any street or way where a sewer is constructed, and three-fourths of one cent per square foot of area such estates contain within one hundred feet of depth from such street or way.

Provided, however, that in respect to any estate fronting upon such street or way which, by reason of its grade or level, or for any other cause, cannot be drained into such sewer, the Selectmen shall not ascertain, assess and certify the assesment thereon or give notice of such assessment to the owner of such estate until the incapacity of such estate to be drained into such sewer has been removed.

(4) *Voted,* That when any owner of an estate fronting upon any street or way in which a sewer is already built has paid any assessment heretofore laid for such sewer, the amount of such assessment shall be deducted from the assessment to be paid in pursuance of the votes passed at this meeting.

(5) *Voted,* That the Town hereby adopts the "Act relating to the Apportionment of Sewer and Sidewalk Assessments," being Chapter 249 of the Acts of 1878.

All which is respectfully submitted.

WILLIAM ASPINWALL,
FRANCIS W. LAWRENCE,
CHARLES U. COTTING,
HENRY M. WHITNEY,
JAMES P. FARLEY, Jr.,
THOMAS H. TALBOT,
JOHN W. CANDLER.

Printed at the Chronicle Job Office, Brookline.

ACT AND VOTES

IN RELATION TO

Sewer Assessments

—— IN THE ——

TOWN OF BROOKLINE.

ACT RELATING TO THE APPORTIONMENT OF SEWER AND SIDEWALK ASSESSMENTS.

(*Stat. 1878, Chap. 249.*)

"SECTION 1. At any time within sixty days after notice is given of a sewer or sidewalk assessment on any real estate, if the owner thereof shall in writing notify the board making the same that he desires to have the amount due on said assessment apportioned, said board shall apportion the same into three equal parts, and certify such apportionment to the assessors of the city or town where such real estate is situate; and said assessors shall add one of said equal parts with the interest due theron from the date of the apportionment, to the annual tax of said real estate for each of the three years next ensuing. And all liens for the collection of such assessments shall continue in force until the expiration of two years from the time the last instalment thereof is committed to the tax-collector; and all sewer and sidewalk assessments upon real estate which remain unpaid after the time stated in the order making the same for payment thereof, shall draw interest from such time until paid."

VOTES OF THE TOWN RELATING TO SEWER ASSESSMENTS.

The Town at a meeting held February 11, 1879, passed the following votes, viz:—

(1) *Voted,* That the Town of Brookline hereby adopts the system of sewerage to be applied to the whole of the territory of said Town, of which the intercepting sewer emptying into Charles River, and built according to the plans and under the superintendence of J. Herbert Shedd, Civil Engineer, forms a part, and which embraces all the sewers heretofore built and hereafter to be built in said Town.

(2) *Voted,* That the Town of Brookline hereby estimates that the average cost of all the sewers constructed and to be constructed, and embraced in the system of sewerage now adopted, is four dollars and sixty-two cents per running foot of sewer.

(3) *Voted,* That the assessment authorized to be made by the Selectmen by the fourth section of chapter 48 of the General Statutes, shall be made upon the owners of the estates in said Town embraced in the system of sewerage adopted by the Town, by the following fixed uniform rate, based upon said estimated average cost of all the sewers therein, to wit: Seventy-five cents per foot of frontage which such estates have on any street or way where a sewer is constructed, and three-fourths of one cent per square

foot of area such estates contain within one hundred feet of depth from such street or way.

Provided, however, that in respect to any estate fronting upon such street or way which, by reason of its grade or level, or for any other cause, cannot be drained into such sewer, the Selectmen shall not ascertain, assess and certify the assessment thereon or give notice of such assessment to the owner of such estate until the incapacity of such estate to be drained into such sewer has beeen removed.

(4) *Voted,* That when any owner of an estate fronting upon any street or way in which a sewer is already built has paid any assessment heretofore laid for such sewer, the amount of such assessment shall be deducted from the assessment to be paid in pursuance of the votes passed at this meeting.

(5) *Voted,* That the Town hereby adopts the "Act relating to the Apportionment of Sewer and Sidewalk Assessments," being Chapter 249 of the Acts of 1878.

The sixty (60) days specified in Section I of the Act above quoted, within which application may be made to the Selectmen for an apportionment of the sewer assessment levied by the Board, will expire on the 18th day of August next.

THE SELECTMEN.

By C. D. LINCOLN, *Clerk.*

Chronicle Job Print: Arthur & Spencer.

MINORITY REPORT

OF THE

COMMITTEE ON SEWER ASSESSMENTS.

The undersigned members of the Committee on sewer assessments, while agreeing with much of the reasoning of the foregoing report, believe the relations of the building lands in Brookline with similar lands in Boston to be so close, that it is important that the system of sewer assessments should be the same in both municipalities. And while they do not consider the Boston system free from objectionable features, they do not consider these so serious as to make it inexpedient for the town to adopt it. Every system of assessment must be more or less arbitrary, and probably no system could be devised to which there would not be objections both theoretical and practical.

They therefore recommend the Town of Brookline to adopt the plan for assessments for sewers which is now in force in the City of Boston.

WILLIAM ASPINWALL,
H. M. WHITNEY.

NOTE.

The names of all the Committee were appended to the Report through mistake, it having been the intention of the Committee to revise the Report before it should be printed in its final shape for presentation to the town.

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